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10. NACA Communication dated April 28, 1947, to the members on Aerodynamics attaching progress reports from the Douglas Aircraft Company and the Boeing Aircraft Company, classified confidential.
11. NACA Mimeographed list of reports released to the Committee on Aerodynamics since November 1, 1946, classified confidential.
12. A report of progress in Aerodynamic Investigations conducted at the Ames Aeronautical Laboratory submitted to the Committee on Aerodynamics dated May 2, 1947, classified confidential.
13. "Progress Report of the Langley Memorial Aeronautics Laboratory submitted at the meeting of the NACA Committee on Aerodynamics May 2, 1947", classified confidential. (u)
14. Ballistics Research Laboratory, Aberdeen Proving Grounds, Maryland Abstracts of reports numbered 662, 471, 641, 647, 643, 650, 658, 660, classified restricted.
15. Report of the Aeronautical Board, Washington, dated January 31, 1947, re "Survey of Wind Tunnels, dissemination of", classified confidential.
16. A letter from headquarters, Air Materiel Command, Wright Field, Dayton, Ohio, dated January 26, 1948, addressed to the National Advisory Committee for Aeronautics, Director of Research, classified confidential.
17. NACA letter dated May 1, 1947, addressed to VON KARMAN attaching a copy of notes on the proceedings at the Informal Conference on High Speed Aerodynamic Theory held at the Langley Laboratory on February 3, 1947, classified confidential.
18. Mimeographed list of recipients of the Aerodynamics Handbook, classified confidential.

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19. A Department of Scientific Research and Experiments, Admiralty Report re a "Note on Compressibility Flow in a Tube of Slightly Varying Cross-Section", not dated, classified restricted.
20. Headquarters Air Materiel Command Summary Report Number F-SU-T119-ND dated January 1947, restricted.
21. Headquarters Air Materiel Command Summary Report Number F-SU-3-RE, dated January 1947, restricted.
22. Headquarters Air Materiel Command Translation Report Number F-TS-986-RE, dated February 1947, restricted.
23. Headquarters Air Materiel Command Technical Report Number F-TR-2134-ND, dated May 1947, restricted.
24. Headquarters Air Materiel Command Summary Report Number F-SU-21 36-ND, dated May 1947, restricted.
25. Headquarters Air Materiel Command Summary Report Number F-SU-1129-ND, dated June 1947, restricted.
26. Ballistics Research Laboratory Progress Reports dated December 15, 1946, restricted.
27. United Aircraft Corporation Report for Aerodynamics Committee Meeting May 2, 1947, confidential.
28. Headquarters Air Technical Service Command, Intelligence (T-2) Foreign Exploitation Section Progress Report IRE39, dated February 18, 1946, restricted.
29. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 1, re Hypersonic Wind Tunnel, dated April 10, 1946, restricted.
30. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 2, dated May 7, 1946, restricted.

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31. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 3, dated June 14, 1946, restricted.
32. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 4, dated July 10, 1946, restricted.
33. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 5, dated August 8, 1946, restricted.
34. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 6, dated September 8, 1946, restricted.
35. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 7, dated October 8, 1946, restricted. (u)
36. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 8, dated November 8, 1946, restricted.
37. Guggenheim Aeronautical Laboratory, California Institute of Technology, Progress Report Number 9, dated December 15, 1946, restricted.
38. Estimated Construction Cost Chart of A.E.D.C. Installations published by Sverdrup and Parcel, St. Louis, Missouri, revised as of January 28, 1947, classified confidential.
39. NACA Communication dated April 24, 1947 to members of the Committee on Aerodynamics, enclosing progress reports from the Bureau of Aerodynamics Navy Department, AAF Air Materiel Command, Civil Aeronautics Administration, restricted.

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D. FBI Laboratory Report Re Documents Located at Pasadena

Under date of May 26, 1952, the FBI Laboratory advised that an examination of the above items revealed no evidence was found to indicate that any of the following listed items had been taken apart and reassembled: Items #1 through #5, #8 through #11, #13, #15, #17 through #25, #27, #38, and #39.

The Laboratory advised that no conclusion could be reached whether items #6 or #26 and #29 through #37 had been taken apart and reassembled because these specimens are put together in such a manner that it would be possible to carefully remove the fasteners without leaving any evidence of their having been removed. It was noted further that if the fasteners on these items had shown evidence of having been bent, it would have been possible to replace the original fasteners with new ones.

Several staple holes appear on item #7 which indicate that this specimen was stapled in a different manner than it is now stapled together. However, nothing was found which would indicate that the present staple in item #7 had been removed and replaced. Characteristics were present which indicated that the first two pages of this item were at one time stapled together, separately, or to one or more pages not now included with the item. Characteristics are also present which indicate that the last three pages were at one time stapled together, separately, or to one or more pages not now included with the item. (u)

The holes around item #11 are worn and it is not possible to determine if this specimen has been taken apart and reassembled.

It was noted that item #16 has staple holes below the place where this specimen is now stapled together. It could not be determined, however, whether this specimen was originally stapled together with two staples or whether the one which has been removed was replaced with the one now holding the pages together.



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It was noted that specimen #14 was not stapled together.

The Laboratory noted with regard to all of the above listed items that it would be possible to photograph the contents of the various items without taking them apart. Again, it could not be determined from the evidence itself whether any of these specimens have been photographed in whole or in part.

Under date of June 23, 1952 the Laboratory advised that a latent fingerprint examination had been conducted on the above 39 items but that no latent impressions were developed.

The Laboratory advised that the above 39 items were being returned to the Los Angeles Office for re-delivery to Mrs. MARIE RODDENBERRY.

E. Reinterview of Informant Re Photographing

On April 9, 1952, Confidential Informant T-1, of unknown reliability, was reinterviewed by SA JOHN A. HARRINGTON and reporting agent. A complete review was made of all information previously furnished by him concerning the above photographing incident, as well as other information furnished by him as previously reported in instant case. No additional pertinent information was obtained in this interview, although he stated he would continue to attempt to recall other details and if successful he will immediately contact this office.

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## II. ADDITIONAL INVESTIGATION AT COLUMBIA UNIVERSITY

### A. Interview Of Professor POLYKARP KUSCH, Columbia University

Professor POLYKARP KUSCH, Executive Officer, Physics Department, Pupin Laboratory, Columbia University, New York City, was interviewed by SA JOHN A. HARRINGTON and the reporting agent for any information concerning the relationship of Dr. THEODORE VON KARMAN and the subject at the laboratory and also to obtain from KUSCH any information concerning PERL'S background and activities at the University during his graduate studies and later during his instructorship.

Dr. KUSCH stated he was only casually acquainted with Dr. VON KARMAN sometime in 1947 when the latter came to the University as a visiting professor. He recalled that VON KARMAN maintained office space at the Pupin Laboratory but did not know the details of his presence explaining that in 1947 Dr. ISIDORE I. RABI was Executive Officer of the Physics Department and that he, KUSCH, was only an instructor at that time. (u)

Dr. KUSCH said that he met VON KARMAN in the building elevators and hallways at infrequent intervals but that he had never spoken to him in his office nor had he ever engaged in a formal conversation with him.

Dr. KUSCH explained that VON KARMAN is interested in aerodynamics while he, KUSCH, was interested in nuclear physics. KUSCH said for this reason they had little in common and no particular reason to become more closely associated.

Dr. KUSCH was of the opinion that Dr. VON KARMAN and PERL were acquainted prior to their association at Columbia either through their previous work at the NACA or at California

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Institute of Technology.

When questioned further concerning this possible acquaintance at California Institute of Technology, Dr. KUSCH could give no further details nor any basis for his belief. He said he may have formed this opinion because of VON KARMAN'S interest in aerodynamics and the fact that PERL was likewise interested and was writing his Doctor's dissertation on a related subject. In any event, KUSCH thought that VON KARMAN'S presence at Columbia was the chief factor in PERL'S selection of that school for his graduate studies.

Dr. KUSCH recalled that during PERL'S graduate studies at Columbia, he was appointed as a laboratory assistant for which he was paid by the University and that after Dr. VON KARMAN arrived as a visiting professor, PERL also acted as his assistant. PERL'S duties in the latter regard consisted of taking notes on VON KARMAN'S lectures and editing them for publication, doing a certain amount of research concerning them, taking class rolls and other paper work of an administrative nature.

In performing these types of duties PERL, of necessity, would have had to have access to VON KARMAN'S files and, accordingly, would have spent considerable time in VON KARMAN'S office and laboratory. (u)

Dr. KUSCH did not have personal knowledge of the fact but he presumed that PERL, as an assistant to VON KARMAN, probably handled other matters for him not specifically connected with the lecture course. He could not be more specific in this regard since he has never discussed the matter with either PERL or VON KARMAN.

Dr. KUSCH said he was not located on the same floor as VON KARMAN'S office during this period and for this reason did not know whether PERL spent time in VON KARMAN'S office on a regularly scheduled basis. He presumed that in view of

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PERL'S schedule of classes attended as a student and his laboratory courses which he supervised as a laboratory assistant, he probably spent odd hours on different days and a certain amount of evening work.

Concerning the security of the Pupin Physics Laboratory, Dr. KUSCH stated that since the time when the SAM Laboratory conducted some of its work in connection with the production of the Atomic Bomb, there has never been a guard or check system of security. All students, professors and office supervisory personnel have ready access to the building. He explained that the Physics Library is located in the Laboratory Building and that the doors are not locked until 11:00 P.M. He stated further that the building was locked all day on Sunday but that all personnel except undergraduate students may obtain the key to the building from the Department of Buildings and Grounds at any time. (u)

He further explained that graduate students may likewise obtain the key at any time with an authorization signed by an instructor or other individual in authority. This arrangement is required in view of the necessity of checking certain types of laboratory experiments at given times over a long period.

In view of the above, Dr. KUSCH concluded that PERL could have been in the building in the normal course at any time of the day or night, on weekdays or Sundays without question. He said further that almost all professors, instructors and assistants, as well as students, carry brief cases in and out of the building at random and that their contents are not subject to inspection by anyone.

He said that in view of PERL'S position with VON KARMAN and with the University, he would have been at liberty to take any material in or out of the building and even if questioned would have been able to supply a satisfactory explanation.

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Dr. KUSCH made available the graduate student file of WILLIAM PERL for a review by interviewing agents. It was noted that he was admitted to the University on October 6, 1946, and remained in residence from that date until June 1948. He was appointed as an assistant in Physics to teach a laboratory class from September 1947 to June 1948.

According to the file, PERL returned to Cleveland in June 1948 to write his dissertation for a Doctor's Degree.

Further, according to this file, by letter dated June 8, 1949, PERL forwarded his dissertation to Columbia in care of Dr. KUSCH for a review and acceptance. He stated in this letter that he was also forwarding a copy to Dr. THEODORE VON KARMAN in Europe. (u)

Also contained in this file was a letter dated January 16, 1950, from Western Reserve University, School of Medicine, Department of Medicine, Lakeside Hospital, Cleveland, Ohio, which indicated that PERL had made application for that institution to undertake research work in various subjects related to biophysics. A request for recommendation was made of the Physics Department at Columbia and a reply thereto from Dr. P. KUSCH by letter dated January 25, 1950, favorably recommended PERL.

On February 20, 1950, Professor ENRICO FERMI, on the letterhead of the University of Chicago, Institute of Nuclear Studies, Chicago 37, Illinois, directed an inquiry to Dr. KUSCH at Columbia for information concerning PERL explaining that PERL had made application to do research in nuclear physics at that institution. Thereafter Dr. KUSCH replied to this letter with a favorable recommendation.

In this connection, attention is directed to the correspondence between WILLIAM PERL and his family made available to this office by Mr. and Mrs. JOSEPH P. BLUM, previously mentioned in this investigation, which contains a letter dated March 26, 1950, which PERL sent to his mother

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in New York City advising that he might be sent to the University of Chicago for advance study and training and that he had had some informal telephone conversations with "Prof. Fermi".

Further, according to the above file, on May 13, 1950, PERL wrote a letter from Cleveland to Dr. KUSCH at Columbia which is being quoted herein due to its possible relation to PERL'S activities and to other events in the ROSENBERG network.

"16802 Larchwood Ave.  
"Cleveland 11, Ohio  
"May 13, 1950

"Professor P. Kusch  
"Columbia University  
"New York, New York

"Dear Professor Kusch:

"You may recall a discussion we had last fall when I completed requirements for the Doctorate. In response to my somewhat agitated concern as to how best to continue working in physics on the fundamental research level you expressed the opinion that a university position involving teaching and research provided a reasonable opportunity and environment for such work.

"I have, unfortunately, not yet resolved the problem of achieving a proper research setup. My present position at the NACA Lewis Flight Propulsion Laboratory is, I am now fairly sure, substantially incompatible with research on the fundamental level even, in fact, in the field of flight propulsion. At any rate, I wish to go in the direction of nuclear and elemental particle physics. I am, therefore, writing to inquire whether a position at Columbia such as you referred to last fall is available and for which I might apply.

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"I hope to be in New York at the end of May and should be happy if I could see you then concerning this matter.

"Sincerely yours,

"/s/ William Perl"

In response to the above, Professor KUSCH by letter dated June 1, 1950, offered PERL an instructorship at Columbia.

Attention is directed to the conversation with Dr. KUSCH mentioned in PERL'S letter stated above.

Dr. KUSCH stated he could not recall specifically the time of this conversation and a review of PERL'S graduate file failed to reveal any notation of it. Dr. KUSCH presumed that the conversation would have been at the time of or subsequent to PERL'S final examinations for his Doctorate, which were in October and November 1949.

It is noted that PERL was required to complete a Personnel Security Questionnaire on November 18, 1949, in connection with his NACA employment and that for several months thereafter he was under investigation by this Bureau and by his Loyalty Board.

It may be further noted that PERL'S correspondence contained in the above mentioned file with the University of Chicago and with Western Reserve University to effect a change in his employment corresponds in the element of time with the progress of PERL'S investigation.

It is noted that KLAUS FUCHS was arrested in England for espionage in early 1950 and subsequent investigation led to the arrest of HARRY GOLD in May 1950, and DAVID GREENGLASS and JULIUS and ETHEL ROSENBERG shortly thereafter.

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It has been previously reported in this case that on April 22, 1950, PERL submitted a letter to NACA Loyalty Board answering allegations made by that Board and that on May 1, 1950, he was sent a questionnaire to be completed and executed under oath.

Further, on May 9, 1950, he returned the completed questionnaire to the Loyalty Board. On May 13, 1950, as stated above, he directed a letter to Dr. KUSCH concerning a change in his employment status.

Dr. KUSCH was questioned in general terms for any information he might have as to the basic reason for PERL'S desired change in employment and he stated that he believed PERL, who in his opinion is a very brilliant individual, did not have the opportunity to properly expand his knowledge and activities in his employment at the NACA and, therefore, desired a university position whereby he might get into basic research and other studies. (u)

He stated that he had no way of telling whether the progress of the investigation, which culminated in the arrest of JULIUS ROSENBERG, had anything to do with PERL'S coming to Columbia University.

B. Interview of Mrs. CAROL SCHNEIDER, Secretary of Physics Department, Columbia University

Mrs. CAROL SCHNEIDER, Secretary of the Physics Department, and personal secretary to Dr. POLYKARP KUSCH, Room 831, Pupin Laboratory, Columbia University, advised from the faculty file maintained in her office for the spring session, 1947, that Dr. THEODORE VON KARMAN, Gotham Hotel, Fifth Avenue and 55th Street, telephone Circle 7-2200, was a visiting professor of Physics at Columbia during the



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spring session, 1947. He lectured to a class designated as Physics 212-Acrothermodynamics which met once a week on Monday evenings from 7:30 P.M. to 8:30 P.M. Dr. VON KARMAN was assigned office space in Room 827, telephone extension 133.

Mrs. SCHNEIDER advised further from her correspondence file that according to a letter dated January 28, 1947, from GEORGE B. ~~PEGRAM~~, Dean of the Graduate Faculties and Executive Officer of the Engineering School, to Mr. FRANK D. ~~FRANKENTHAL~~, then acting President of Columbia University, that Dr. VON KARMAN had been appointed a visiting professor for one year from January 1, 1947 to December 31, 1947, at an annual salary of \$3,000 to be paid through the Institute of Aeronautical Sciences, 2 East 64th Street, New York City. Arrangements for payment of \$1,500. to VON KARMAN for a one-half year salary were made in this letter with the understanding that the remaining half year salary would be paid at a later date. (u)

Mrs. SCHNEIDER said that her files did not reflect anything further concerning this appointment but her personal recollection of the matter was that at the conclusion of the spring term VON KARMAN departed for Europe for various conferences and was unable to return for the fall term due to the illness of his sister, Dr. JOSEPHINE ~~de~~ CARMEN who accompanied him on the continent. She said she recalled the above payment was made to VON KARMAN at the Institute of Aeronautical Sciences only as a mailing address since he was traveling a great deal.

Further, according to the faculty file for the winter session, 1947-1948, WILLIAM PERL, 65 Morton Street, New York 14, New York, telephone WATkins 4-1927, was employed as an assistant in Physics and was assigned office space in Rooms 1230 and 827. He was also working in the 12th Floor Laboratory.

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It is noted that Room 827 during this time, was assigned to Dr. VON KARMAN.

According to the faculty file for the spring session, 1948, WILLIAM PERL, 65 Morton Street, New York City, telephone WAikins 4-1927, was employed as an assistant in Physics. His office assignment was Room 827, telephone extension 133 and laboratory room number 1230, telephone extension 268.

According to Mrs. SCHNEIDER'S records, PERL was appointed as instructor in Physics effective September 1, 1950, and resigned in March 1951. It is recalled PERL was arrested March 14, 1951, for perjury.

During the interview Mrs. SCHNEIDER reviewed her Key Card file which is in effect a charge-out system for the keys to all rooms in the building which are assigned to the Physics Department. (u)

According to VON KARMAN'S Key Card he was assigned key number AGC to Room 827, Pupin Laboratory, on January 31, 1947. This key was returned to Mrs. SCHNEIDER on May 28, 1948. She could not recall whether VON KARMAN returned the key personally but did not believe so since she does not remember him coming to her office for such a purpose.

After reviewing the Key Card for WILLIAM PERL she noted that he returned a key, number E8A, to the 12th Floor Laboratory also on May 28, 1948. She suggested that PERL may have returned both keys at that time.

According to the Key file no further keys to Pupin Laboratory were issued to Dr. VON KARMAN.

Mrs. SCHNEIDER recalled that VON KARMAN'S office remained in Room 827 for some time after his departure for Europe in the summer of 1947 and thereafter was moved in VON KARMAN'S absence which would account for the fact that

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he was never issued a key to his new quarters.

Mrs. SCHNEIDER made available the Key Card in the name of WILLIAM PERL which reflected the following key assignments to him:

<u>Key No.</u>	<u>Room No.</u>	<u>Date Issued</u>	<u>Explanation</u>	<u>Date Rec'd</u>
A7C	827	3/12/47	Student assisting Prof. VON KARMAN with lecture notes.	12/2/48
340	Elevator	6/6/47	Working on Prof. VON KARMAN'S notes during June and appointed Summer Session assistant.	11/25/49
K55	9th Flr. Lab.	9/17/47	Assistant on 9th floor.	9/29/47
B8C	911	9/22/47	Assistant Office Assignment	9/29/47
E8A	12th Flr. Lab.	9/29/47	Assistant on 12th floor.	5/28/48
K26	1020	10/2/48	Temporary for working on VON KARMAN'S papers in Prof. RABI'S office.	10/13/49
K51	922	9/12/50	None shown (PERL was employed as instructor during this period.)	3/21/51
445	Elevator	9/19/50	Instructor in Physics.	3/21/51

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With reference to the issuance of a key number K26 to Room 102 on October 2, 1948, it is noted that at this time Professor RABI was Executive Officer of Pupin Laboratory with offices in Rooms 831 and 1020, the latter of which he maintained as a "hideaway", according to Mrs. SCHNEIDER.

A review of the mailbox assignment file produced by Mrs. SCHNEIDER for the faculty of Pupin Laboratory reflected that Box 59 in the main lobby was assigned to Professor THEODORE VON KARMAN on February 13, 1947, and that it was released on December 15, 1948. According to the record, no mailbox assignment was ever made to WILLIAM PERL.

Concerning the arrangement for the receipt of VON KARMAN'S mail, Mrs. SCHNEIDER said that from January to June 1947 she had nothing to do with VON KARMAN'S mail as he was then present on the campus. However, when VON KARMAN left the University in June 1947 to go to Europe he gave her the key to his mailbox with the request that she pick up the mail occasionally and place it in his office room number 827.

Mrs. SCHNEIDER stated that she did this and that WILLIAM PERL made whatever disposition was made of the mail until he left the University to return to Cleveland in June 1948.

Mrs. SCHNEIDER explained that through the entire period VON KARMAN received a great quantity of mail in both large and small envelopes, a portion of which came "Registered". She did not recall specifically from whom the bulk of this mail was received. She also stated that she was appalled at the quantity of mail that piled up after PERL went back to Cleveland, but according to VON KARMAN'S previous instructions, she placed it on his desk in Room 827 and made no further disposition of it.

There were times when Mrs. SCHNEIDER felt that from

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the outward appearance of the mail and the manner in which it had been forwarded with a Registered Return Receipt Requested or Air Mail, it required prompt handling but in the absence of other instructions either from VON KARMAN or PERL she let it pile up in the desk in their office.

Mrs. SCHNEIDER recalled that after PERL'S departure for Cleveland he made "hurried trips into New York" at irregular intervals and while here spent considerable time in VON KARMAN'S office. On each occasion after his departure the pile of mail would have been handled and apparently filed in VON KARMAN'S file cabinets and safe.

Mrs. SCHNEIDER recalled PERL very meticulously retained the outside envelopes or wrappers to all the mail which he kept in neat piles on the floor in the rear of the office. She said that on no occasion did she ever see anyone with PERL in VON KARMAN'S office during these visits nor did she ever see him in company with anyone else outside Pupin Laboratory personnel. (u)

Mrs. SCHNEIDER was quite positive that no one other than PERL had anything to do with VON KARMAN'S mail during this period.

According to Mrs. SCHNEIDER, in December 1948, VON KARMAN'S office was transferred to the Mechanical Engineering Department and thereafter Mrs. SCHNEIDER had no further interest in his mail.

Mrs. SCHNEIDER was specifically questioned concerning her recollection of trips made by PERL to New York City from Cleveland but she could give no information as to exact times with the exception of those dates set forth in the above Key Card schedule. Specific attention was given to the date of July 4, 1948, but Mrs. SCHNEIDER stated she could not recall the exact dates of any of his visits. She said she

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had no firsthand knowledge of the purpose of PERL'S visits to New York but doubted that he came for the primary purpose of handling VON KARMAN'S mail. She did suggest that PERL was at this time working on his Doctor's Degree and presumed that he came to Columbia to consult concerning his thesis and to take various examinations relating to his Doctor's Degree.

C. Interview of Mrs.  
ISABELLE BEMIS

Mrs. ISABELLE BEMIS, Property Custodian, Room 825, Pupin Laboratory, advised she knew WILLIAM PERL only casually as a former student and an assistant to Dr. THEODORE VON KARMAN. She noted the latter's office was Room 827 which is adjacent to her office and said she recalled PERL using that space in VON KARMAN'S absence. She recalled he was a very quiet person and was present in Room 827 at odd hours apparently maintaining no set schedule. She never had reason to be in contact with PERL and could give no information of value concerning him. (u)

However, Mrs. BEMIS advised since the end of World War II the Laboratory maintained no guard system or other security system check but that the honor system was used with reference to personnel. She said that any of the faculty or assistants were free to carry brief cases, books or papers in and out of the building at will with no possibility of being questioned. She recalled PERL carried a brief case of a sort and indicated most of the faculty and students did likewise.

She stated the building is open until 11:00 P.M. nightly and that no suspicions would have attached to anyone leaving with books, papers or documents up to that time. She said further that the faculty, assistants and graduate students often spent time in the building after closing hours and they could easily gain entrance even after the doors were locked by applying to the Department of Buildings and Grounds. She said

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that entrance to the building after hours or on Sundays could not be considered extraordinary because of the various experiments being conducted in the Laboratory which necessitated attention at odd hours.

Mrs. BEMIS advised a GEORGE TISDALE had been night janitor for many years but had been retired on June 30, 1950. According to her records, he resides at 240 Flatbush Avenue, Brooklyn, New York.

D. Interview of JOE RICCI

JOE RICCI, night janitor since July 1, 1950, advised that he did not know WILLIAM PERL and did not recognize his photograph. He did not recall PERL either as an instructor or as a student.

E. Interview of GEORGE TISDALE

GEORGE TISDALE, 240 Flatbush Avenue, Brooklyn, advised that he had been night janitor at Pupin Laboratory for many years prior to June 30, 1950, when he was retired due to age. He stated that he recalled a Mr. PERL in the building who was one of the young instructors but could recall nothing specific about him. A photograph of the subject was exhibited to Mr. TISDALE which he partially identified.

No information of value was obtained from Mr. TISDALE concerning the subject's activities at Pupin Laboratory during the evening hours.

F. Interview of WALTER COLLINS

Mr. WALTER COLLINS, Department of Buildings and Grounds, Room 301, University Hall, Columbia University,

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confirmed the above information from Mrs. BEMIS concerning the regulations for entrance into various buildings on the campus after closing hours and on weekends. He said the University has never had any type of security system with the exception of a short time during World War II when the Pupin Laboratory was a restricted area due to the presence of the SAM Laboratories.

During this period ending in late 1945, the SAM maintained its own security regulations with a guard on certain floors and certain offices in the Pupin Building.

With this exception the general rule has been that entrance was permitted at any time to members of the faculty, assistants and graduate students. These individuals desiring entrance to the various buildings need only to apply to the guard officer in charge of his department for the issuance of a key. He said also that undergraduate students may be issued a key by the guard on duty upon issuance of a pass executed by an accredited individual in the particular building. (u)

Mr. COLLINS advised a record is maintained of the issuance of all keys by the guard force which includes the name of the individual to whom issued, the key number, the building involved and the date and time of issuance and return. This register pertains only to the keys to entrance or outside doors to the buildings, the issuance of keys to various rooms inside the buildings being left to the Executive Officers of the Departments using the space involved.

Mr. COLLINS produced the above register for the dates April 1, 1948 to July 31, 1948, which was reviewed with a view to determining if PERL had possibly entered the Laboratory after hours with specific reference to the period immediately preceding the July 4, 1948 weekend. There was no record of PERL'S entrance to the Laboratory during closing



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hours in July 1948, the only record located being one dated May 2, 1948 (Sunday), wherein W. PERL obtained a key to Pupin Physics Laboratory at 2:35 P.M. and returned it to the Department of Buildings and Grounds at 8:00 P.M.

G. Interview of Dr. VERNON W. HUGHES

During the above investigation it was learned that PERL had been in close relationship during his instructorship with Dr. VERNON W. HUGHES, an instructor in Physics, Room 1218, Pupin Laboratory.

Dr. HUGHES was contacted for any information concerning WILLIAM PERL and advised that he had known him personally since September 1950 and by reputation prior thereto.

During the period PERL was also acting as an instructor, Professor RABI, Dr. HUGHES, Dr. PERL and others were conducting an experiment to determine the "magnetic moment of the helium atom". Dr. HUGHES explained that this experiment was a personal project of Professor RABI who had requested various individuals in the Physics Department to assist him in its various phases. He stated that his own phase of the work consisted in the mechanics of the laboratory experiment and that Professor RABI had interested PERL in doing the mathematic calculations. (u)

Dr. HUGHES explained that this experiment was purely an extracurricular academic research problem undertaken by the above men and that they received no additional recompense therefor. Dr. HUGHES stated that he associated rather closely with PERL until the time PERL was arrested and left the University campus.

However, at the request of Professor RABI, PERL continued his mathematical calculations in relation to this experiment as a favor to Professor RABI doing most of the work in his apartment. He stated that PERL occasionally visits Pupin Laboratory and consults with Professor RABI and himself concerning the experiments.

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Dr. HUGHES was closely questioned concerning the exact status of this experiment and stated that it had absolutely no connection with any Government or private industry contracts and is pure academic scientific research.

Dr. HUGHES advised that PERL has many times proclaimed his innocence to him and that he feels it only proper to continue his association with PERL notwithstanding his indictment by the Grand Jury until such time as he is proven guilty. However, Dr. HUGHES volunteered to submit any information concerning PERL to this office with particular reference to his possible future absence from the city. (u)

[REDACTED] b1

Dr. VON KARMAN advised concerning his relationship with WILLIAM PERL that the latter had been recommended to him as an assistant at Columbia University by Professor ISIDORE I. RABI who, at that time (1946), was Director of Columbia Institute of Physics. VON KARMAN said that when PERL was recommended to him by RABI he readily accepted PERL because PERL'S name at least was already known to him.

VON KARMAN said that while he cannot now remember previously having met PERL he may have previously met him in connection with the latter's employment by NACA either at the NACA Laboratories in Cleveland or at Langley Field. (u)

VON KARMAN said that during the period of his association with PERL the two conferred at Columbia about two or three times a week for periods of from one to two hours for

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each conference. PERL was preparing a thesis on "Transonic flow". PERL prepared lecture notes for VON KARMAN which were later published. He stated that he likewise conducted various research for VON KARMAN but did not specify in what fields.

(u)

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IV CORRESPONDENCE BETWEEN PERL AND  
THEODORE VON KARMAN 1947 to 1949

Mrs. MARIE RODDENBERRY, personal secretary to Dr. THEODORE VON KARMAN at his residence, 1501 South Marengo Avenue, Pasadena, California, made available to the Los Angeles Office a file containing 32 pieces of personal correspondence between the subject WILLIAM PERL and Dr. THEODORE VON KARMAN, dating from July 13, 1947 to November 4, 1949. It is noted that Mrs. RODDENBERRY was formerly Administrative Assistant to the Scientific Advisory Board to the United States Air Force, Pentagon Building, Washington, D. C., and, in such capacity, handled VON KARMAN'S correspondence there.

Subsequently, in connection with efforts to locate Dr. VON KARMAN'S files previously maintained at Pupin Laboratory, Columbia University, Mrs. RODDENBERRY located an unopened box in the garage of Dr. VON KARMAN'S residence at 1501 South Marengo Avenue, Pasadena. This box, which bore the return address of "THEODORE VON KARMAN, Mechanical Engineering Department, Columbia University, New York 27, New York", contained various reports and research memoranda together with 61 pieces of correspondence relating to WILLIAM PERL. It was noted that 46 pieces of this correspondence were maintained in a separate folder apparently for or by WILLIAM PERL while the remaining 15 items were maintained among the regular office correspondence. This material is dated from July 8, 1947 to November 22, 1947. (u)

Inasmuch as the above correspondence adds considerable light to the relationship between PERL and VON KARMAN during the pertinent period, as well as defining various projects on which they were working and other interests both personal and business together with their location and address and the dates the letters were written, this correspondence is being set out below in detail.

While the various correspondence from each of the above sources overlaps as to the time it was written, they are being included in this report in chronological order for the purpose of clarity. It should be further noted that a few of the

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letters were transmitted without dates. These letters have been inserted in the chronology at the time when the context thereof indicates they must have been written.

In order to show from which of the above files each letter emanated, the sources are being indicated by insertion of the appropriate capital letter, A, B, or C at the left hand margin thereof as follows:

- A - Those 32 letters contained in the file of personal correspondence originally submitted by Mrs. RODDENBERRY as set forth above.
- B - Those 46 letters which were maintained in a separate folder apparently for or by WILLIAM PERL and which were shipped from VON KARMAN'S Office at Columbia University to his Pasadena Office.
- C - Those 15 letters which refer to WILLIAM PERL and were maintained among the regular office correspondence which was shipped from VON KARMAN'S Office at Columbia University to his Pasadena Office.

The originals of the above correspondence have been returned to Mrs. RODDENBERRY and are available to the Los Angeles Office in the event needed.

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"July 8th, 1947

(C)

"Hugh L. Cooper & Company  
350 Fifth Avenue  
New York, N.Y.

"Attention: Mr. R. E. Lapean, President

"Gentlemen:

"Enclosed is theoretical analysis and the calculations thus far made of the water hammer problem in the Aswan Dam penstock system, as requested by Messrs. ~~Lesik and Cardwell~~.

"It is my understanding that you will advise whether the calculations to determine instantaneous water hammer pressure as a function of time are to be completed.

"Yours very truly,

"William Forl  
Technical Assistant  
to Dr. Th. von Karman.

"P/cm  
enclosures"

\*\*\*

(C)

"July 8th, 1947

"TO: Hugh L. Cooper & Company  
350 Fifth Avenue  
New York 1, N. Y.

"FOR: Theoretical analysis and calculations of water hammer problem in Aswan Dam penstock system

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"Technical work, 31 hours	\$124.00
Secretarial work, 12 hours	21.00
Material, photostat prints	<u>7.40</u>
	\$152.40

"William Perl / for  
Dr. Theodore von Karman  
Consulting Engineer

"Please make check payable to William Perl"

(A)

\* \* \*

"Th. v. Karman  
California Hotel  
16, rue de Berri  
Paris

"July 13th 1947

"Mr. William Perl

"Dear Bill:           

"We safely arrived in Paris.

"I contacted various French aerodynamitists  
and find they are engaged in the same problems as we are.

"I found the fellow who works in conical  
flows and another man who works on detached shock waves. I think  
you ought to work on the latter problem. Nobody is yet so far,  
but sometimes they will get there.

"With best regards,

"Cordially yours,

Th. v. Karman"

\*\*\*

(U)

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(C)

"July 14th, 1947

"Professor Eric Reissner  
Department of Mathematics  
Massachusetts Institute of Technology  
Cambridge, Massachusetts

"Dear Sir,

"I have been asked by Dr. von Karman to send you the enclosed paper by him for publication in the Journal of Mathematics and Physics.

"Communications to Dr. von Karman concerning the paper should be addressed as indicated above.

"Very truly yours,

"William Perl  
Assistant to Dr. vonKarman

"WP/cm  
enclosure"

\* \* \*

(A)

"570 Lexington Ave. Rm. 711  
N.Y.C.  
July 16, 1947"

"Dear Doctor,

"Enclosed is your paper on the non-stationary Helmholtz-Birkhoff problem. Your transonic similarity paper was sent off to Eric Reissner at MIT today. Have also sent in the Water Hammer report to Chemical Const. Co. Shall I send you a copy?

"On the Sverdrup job, St. Louis doesn't want any more aerodynamic calculations on the 40x40 tunnel but instead various things centering around the seavenging. Prof. Egilsrud is sending you a report on the situation together with a copy of a



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"report I just finished summarizing my calculations on the 40x40. I am off for Ithaca on July 22 to work with Wild on the various desired questions. Have sent Ted a report on the Stability & Control situation.

"In writing up the final (?) version of Lecture 9, I noticed the obvious fact that in deriving

(Equation)

"(1)"

(Second or last page missing)

\* \* \*

"July 16th, 1947

(C)

"MEMORANDUM: to Mr. William Forl

"This is to confirm our understanding as to the program set up by St. Louis for Dr. ~~Wild~~ and yourself.

- "(1) Scavenging study. 40 x 40 - 8 x 8 and components laboratory.
- "(2) Size and position of scoops.
- "(3) Estimate necessary capacity of scavenging equipment based on present and possible future propulsion units.
- "(4) Estimate temperatures to be encountered.
- "(5) Steam ejectors with circumferential steam inlets.
- "(6) Estimate of duct losses at high altitudes (Mr. ~~Wood~~ will amplify this).
- "(7) Opinion as to actual accuracy needed in the surfaces of the 40 x 40' and 8 x 8' tunnels with special reference to variable throats.

MWC:ws  
7.

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"I am attaching hereto a copy of General ~~Ross~~'s memorandum to me.

"F. S. ~~Egilsrud~~

"PSE/cm  
enclosure"

\* \* \*

(B)  
"CABLE ADDRESS:  
'COOPOWER NEW YORK'

"HUNG L. COOPER & CO., INC.  
350 Fifth Avenue  
New York 1, N. Y.

"July 22, 1947

"Mr. William Perl  
c/o Dr. Theodore von Karman  
570 Lexington Avenue, Room 711  
New York 22, New York

"Dear Mr. Perl:

"We have received the calculations which you sent us in connection with the Aswan Dam penstock system, and these will be sufficient for our present purposes. We have not yet received from the turbine manufacturers the time lag for turbine gate closure. As and when this information is received, we may ask you to carry on some further calculations of the effect of water hammer. Meanwhile, please accept our sincere appreciation for the work you have done for us on this problem.

"As requested, we are enclosing our check payable to your order in the amount of \$152.40 in full of your services to date.

"Very truly yours,  
/s/ Raymond E. Lapean  
President

"arb  
Enc."

\* \* \*

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(E)

"Mrs. Ethel Meyers  
570 Lexington Avenue, Room 711  
New York 22, New York

(Undated)

"Dear Mrs. Meyers:

"I am receiving your mail lists regularly. It is particularly important that Dr. von Karman be sent certain reports on the subject on Compressibility Effects on Stability and Control as soon as they are received. Reports on this subject are expected from the AAF at Wright Field and from N.A.C.A. in Washington, D.C. (the latter reports are those which I asked you to request from N.A.C.A. recently). So far as I can see from the mail lists these reports have not arrived as yet (you might check me on this). If and when this material arrives please send it directly to von Karman or if you are not sure if it is the right material, send me the titles right away.

"Yours,

William Perl

"WP:w"

\* \* \*

(E)

"DR. THEODORE VON KARMAN  
570 Lexington Avenue, Room 711  
New York 22, N. Y.

Plaza 3-1629

"July 23rd, 1947

"Mr. William Perl  
Graduate School of Aeronautical Eng'g.  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"I am enclosing herewith two letters, unopened, addressed to you.

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"Please advise me just how you would wish me to handle your mail; whether it is to be opened by me and then forwarded, or if you desire a description of incoming mail, while I retain it here pending your request for whatever you wish forwarded to you.

"Perhaps you would like to receive a copy of letters I send to Dr. von Karman wherein a listing is typed of all mail received here addressed to him. If so, please let me know.

"Should any or all reports, or copies of reports, sent to Dr. von Karman, be sent him via diplomatic pouch through Mrs. Roddenberry?

"I'd thank you for your prompt advice on these questions.

"Yours very truly,

/s/ ~~E. Meyers~~  
Ethel Meyers, Secy.

"enclosure"

\* \* \*

"July 24th, 1947

(C)

"Mr. William P. Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"I am enclosing herewith photo from Professor Witunski.

"It represents Schlieren photo for Ludwig nozzle design Mach No. 2. 216 cells. Each has area expansion for 0-2.

"Yours very truly,

F. S. Egilsrud

"enclosure"

\* \* \*

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(R)

"COLLEGE OF ENGINEERING  
Cornell University  
Ithaca, New York

"Graduate School of  
Aeronautical Engineering

"July 24, 1947

"Dear Mrs. Meyers,

"I received your letter with the enclosed mail. I think it would be quickest if you simply sent me my mail unopened. Also whenever you type a list of incoming mail for Dr. von Karman you might send me a copy.

"I have forgotten the system for sending reports to Karman. I believe those which he needs urgently should be sent direct to Major Walkowicz at the address I gave you. Write to him for instructions. I know that Karman needs certain material from Wright Field in a hurry. If you send me notices of incoming titles of reports and place of origin I shall probably be able to tell you what is urgent.

"Please let me know what the amount over and above my share was on the Chemical Construction Co. bill so I can send you a check for same to boost the petty cash fund.

"Re the phone call from Cardwell, ask him to call me person-to-person if he so desires, number is Cornell Univ., Aero. Eng. dept. Ithaca 3331 Ext 2265. I'm here between 10-12 and 1-5.

"Yours,  
/s/ Bill Perl

\* \* \*

-4-

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(B)

"COPY:  
(letter of mailing instructions)  
orig. in NYO File

"HEADQUARTERS, ARMY AIR FORCES  
WASHINGTON

"25 July 1947

"Dr. Theodore von Karman  
Room 711  
570 Lexington Avenue  
New York, New York

"Attn: Miss Meyers, Secretary

"Dear Miss Meyers:

"I received your letter regarding the File Safe and we immediately dispatched a letter to Mr. ~~Brooks~~ directing that he inform us of the action taken to supply this safe to your office. (u)

"Your letter enclosing material for Dr. von Karman has been received and the material forwarded to him in Paris. In answer to your request for information the following procedure is to be followed:

"a. All material, whether it be a piece of paper, a report, manuscript or other document, which is classified either Confidential or Secret must be enclosed with two envelopes for mailing and must be sent First Class Registered mail. The material is sealed in an envelope, which bears the classification stamped or printed on the front and back. This envelope is then sealed inside another envelope, which does not have the classification stamped on it. It then goes to the Post Office to be Registered. In Registering, the Postal Clerk is told that the letter envelope, or package contains papers only, without mention of the fact that it is classified.

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"b. In making Abstracts or Extracts of Confidential or Secret papers, the copy must be given the same classification as is stamped on the original document. The papers you sent me contained no classification stamp, so I assume they were unclassified. Care must be taken in this respect, as there is a ten thousand dollar fine or twenty year prison sentence on forwarding classified material through the mails without the classification stamped on it.

"c. Yes, to your third question. Forward all mail if you wish to me and I will transmit it to Doctor. He receives it much more quickly through the diplomatic pouch.

"If you have any more questions, please do not hesitate to ask. I am sending you under separate cover, three rubber stamps, one marked Restricted, one Confidential and one Secret. Stamp all classified material at the top and bottom of the page. (u)

"Sincerely yours,

(signed) Marie Roddenberry

"copied by E. Meyers  
for Mr. PERL"

\* \* \*

(B)

"DR. THEODORE VON KARMAN  
570 Lexington Avenue, Room 711  
New York 22, N. Y.

Plaza 3-1629

"July 25th, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"After talking with you on the phone I telephoned Mr. Cardwell

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"who said that it was his intention to discuss several items in the report, when he phoned you at the New York Office. He was pleaded to have your Ithaca address and phone number and said he would either write or phone you there.

"Enclosed herewith is the mimeographed 'Analysis of Subsonic Ram Jet Internal Performance' requested by you over the phone; also unopened letter addressed to you from the Foreign Service of the United States of America.

"Beginning with the next listing of incoming mail for Dr. von Karman, I will make an extra copy for your perusal and for the benefit of any instructions you may deem wise to pass on to me regarding incoming mail.

"Regarding invoice of July 8th to Hugh L. Cooper & Co., otherwise designated by you as Chemical Construction Co. invoice, the total of this invoice is \$152.40, technical work of 31 hours is \$124.00, so that you may arrive at the difference and replenish my petty cash in that amount.

"Yours very truly,

/s/ E. Meyers

Ethel Meyers, Secy.

"EH  
enclosures"

\* \* \*

"July 29th, 1947

(P)  
"National Advisory Committee for Aeronautics  
Massachusetts Avenue, N. W.  
Washington, D. C.

"Gentlemen:

"Would it be possible to procure copies of the following reports on stability and control?



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"Draley, E. : Report on high speed wind tunnel tests of P-38 airplane (not exact title).

"Hood, M. J. and Allen, H. J. : The problem of longitudinal stability and control at high speeds.

"Biolat : Effect of Mach number of ... (eight foot high speed wind tunnel tests of F 4 U model).

"Nielsen & Sweberg : Note on Mach number effect on downwash at tail.

"Zaloveik & Sawyer : Longitudinal stability and control, swept back tail, wing flow method (not exact title) NACA RM L6K21

"These reports are needed by Prof. Th. von Karman.

"Very truly yours,

by /s/ E. MEYERS

for William Perl

"em "

\* \* \*

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(B)

"DR. THEODORE VON KARMAN  
570 Lexington Avenue, Room 711  
New York 22, N. Y.

PLaza 3-1629

"July 29th, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engg.  
College of Engineering  
Itha, New York

"Dear Mr. Perl:

"I have made and am enclosing an extra copy of the letter you requested me to send to NACA, showing signature exactly as it appears on the original. (u)

"Thank you for your check in the amount of \$28.40 which will be used to replenish my petty cash.

"Yours very truly,

/s/ E. Meyers

E. Meyers"

\* \* \*

"July 30th, 1947

(B)

"Dr.-Theodore von Karman  
Hotel California  
16 rue de Berri  
Paris, 8, France

"Dear Dr. von Karman:

"Below is a further listing of mail received to date:

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"No. 31 - Received from Mrs. Roddenbery with request to hold in your personal file - printed booklet, by A. ~~Eisenstein~~, Technical report No. 17, from Research Laboratory of Electronics, M.I.T., titled 'An X-Ray Method for measuring the Thickness of Tin Crystalline Films'.

"No. 32 - from George ~~Sachs~~, Case Institute of Technology, Cleveland, 6, Ohio - a set of printed booklets bearing the following titles:

1. Residual Stresses, Their Measurement and Their Measurement and Their Effects on Structural Parts - By George Sachs
2. Comparison of Various Structural Alloy Steels by Means of the Static Notch-bar Tensile Test - by George Sachs, L.J. ~~Ebert~~ and W.E. ~~Brown~~
3. Experimentation on Tube Drawing with a Moving Mandrel - by G. ~~Espey~~ and George Sachs.
4. The Flow of Metals Through Tools of Circular Contour - by George Sachs and L.J. ~~Klingler~~.
5. Influence of Inclusions on Properties of Sand Cast Aluminum-Base Alloys - by G. ~~Sachs~~, A. W. ~~Tana~~ and L.J. Ebert.
6. Effect of Spacing Between Dies in the Tandem Drawing of Tubular Parts - by G. Sachs and G. Espey.
7. Fundamentals of Annealing Low Carbon Steel - by G. Sachs, L.J. Ebert, G. B. ~~Kasik~~ and J.F. ~~Wejedlik~~.

"No. 33 - from Technical Library, Project Squid, Princeton, N.J. - a set of mimeographed reports, under the subject - 'Monthly Progress Memorandum - Project Squid - A Program of Fundamental Research - ON LIQUID Rocket and Pulse Jet Propulsion'.

1. For the Bur. of Aeron. and the Office of Nav. Res. for the Navy Dept. Cornell Aeronautical Laboratory.
2. For the Navy Dept. - New York University.
3. For the Bur. of Aeron. and the office of Nav. Res. of the Navy Dept. New York University.
4. For the Bur of Aeron. and the office of Nav. Res. of the Navy Dept. Polytechnic Inst. of Elyyn, N.Y.
5. For the Bur of Aeron. and the office of Nav. Res. for the Navy Dept. Princeton University, Princeton, N.J.

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- "6. Of the Bur. of Aeron, and the office of Nav. Res.  
of the Navy Dept. Purdue Research Foundation and  
Purdue University, Lafayette, Indiana.
- "No. 34 - 'Confidential' from Wright Field - Air Material  
Command - TSENG REPORT No. 12, titled 'Weekly Informa-  
tion Report, Engineering Division.
- "No. 35 - 'Confidential' copy of letter from NACA, dated  
7/21/47 (enclosed herewith).
- "No. 36 - Letter from Aerojet Eng. Corp., dated 7/25/47  
(copy enclosed herewith).
- "No. 37 - Check from U.S. Treasury, Maxwell Field, ALA.,  
amount \$1.80 (holding here).
- "No. 38 - 'CONFIDENTIAL' mimeographed report, Abstract No. 30,  
from Technical Library, Project Squid, Princeton  
University, Princeton, N.J.
- "No. 39 - from Institution of Electrical Engineers, London,  
printed booklet titled "Physics Abstracts, Section A  
of Science Abstracts 1692-1995, VOL. 50, NO. 595,  
July, 1947. (u)
- "No. 40 - 'Confidential' - from Wright Field, Air Material  
Command, TSENG REPORT No. 12, titled 'Weekly  
Information Report Engineering Division" - 7/25/47.
- "No. 41 - from Rensselaer Polytechnic Institute, Troy, N.Y.  
(letter) copy enclosed
- "No. 42 - post card - from Columbia University Libraries, Dept.  
of Physics, New York 27, N.Y. (copy enclosed  
herewith).

"Yours very truly,

Ethel Meyers

"enclosures  
mailed via diplomatic pouch"

\* \* \*

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(B)

"Sverdrup & Parcel  
Consulting Engineers  
Syndicate Trust Bldg.  
St. Louis 1, Mo.

"Partners  
L. J. ~~Sverdrup~~  
John I. ~~Parcel~~  
E. R. Grant  
Price R. Smith  
D. C. ~~Wolfe~~

"570 Lexington Avenue  
Room 711  
New York 22, N. Y.

"August 4th, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"I recieved you letter with your time report and expense account this morning. Since the expense account and trip report should be made up in duplicate, I am returning these to you.

"In regard to your time report, Miss Meyers and I are not quite sure whether they should be forwarded to Dr. von Karman or to Sverdrup & Parcel. It seems to me that the latest decision was that your time was to be paid for by Dr. von Karman directly. However, if this is not correct please advise. (u)

"As far as the computer is concerned, I believe that the best way to handle this would be for you to pay the computer and include the cost in your expense account which I will forward to Sverdrup and Parcel for payment. In this case, kindly obtain a receipt from the computer and include it under heading of miscellaneous on your expense account sheet.

"On the trip report, on line starting 'in', please include the following - 'in Ithaca (date) - aerodynamic investigations and calculations in regard to AEDC'.

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"I hope this arrangement is not going to inconvenience you, but if it does, particularly in regard to paying the computer, let me know and I shall endeavor to make a more suitable arrangement.

"Yours very truly,

/s/ F. S. Egilsrud

F.S. Egilsrud

"FSE/cm  
enclosures"

\* \* \*

"August 4th, 1947

(G)  
"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"The other day I received a letter from General Ross of which I am sending you a copy for your and Prof. Wild's attention. The last half of this letter refers to that part of the work which Dr. Wild and yourself are engaged in.

"I am also sending a copy to Dr. Kentrowitz and suggest, if he has not a copy of the NACA report referred to that you might be able as Dr. von Kerman's assistant, to help him out in this matter. If you should not be able to obtain a copy, kindly let me know and I shall ask the AAF to requisition one for Dr. Kentrowitz.

"In view of the fact that Dr. Wild is not as yet back in Ithaca, I think it is an excellent idea that you concentrate on his job and in that case I would appreciate it if you would give me your reactions to the matter about which General Ross is

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"Writting, as soon as convenient. May I suggest that you discuss the matter with ~~Dr. Sears~~ first, if he is available.

"Yours very truly,

F.S. Egilsrud

"FSE/cm  
enclosure"

\* \* \*

(B)

"Office of the Military  
Attache, American Embassy,  
Paris, France (U)

"4 August 1947

"Miss Ethel Meyers  
c/o Dr. Theodore Von Karman  
570 Lexington Avenue  
New York 22, New York

"Dear Miss Meyers:

"Thank you for handling and forwarding all my correspondence so promptly. With regard to your letter of July 12nd, please forward to me immediately the printed booklet listed under #29. The large photostat drawing #550271, also listed under your #29, please forward to Mr. Perl and ask him to look it over and decide whether or not there is anything on it that I should see. If there are any data needed by me on the drawing Mr. Perl will abstract them and send them to me.

"With regard to various technical reports and papers received by you for me, particularly reports dealing with stability and control, would you kindly follow this procedure:

"1. At the same time that you list a report for me also send a list of these technical reports to Mr. Perl.

"2. Mr. Perl will then either forward some of the reports directly to me or he will make abstracts of some of them and send them to me also.

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"Miss Roddenbery has by this time, I am sure, instructed both you and Mr. Perl on the proper procedure to be followed in forwarding classified documents and papers to me.

"During the following three weeks I shall be at the Excelsior Hotel, Rapallo, Italy. If you have any urgent cables or letters you can reach me there. I shall not be there much beyond August 25th so please do not send anything there which would arrive after that time. With regard to classified material, please forward it as usual to the Embassy here in Paris. I have made arrangements to have them forwarded on from here if necessary.

"Cordially yours,

THEODORE VON KARMAN"

\* \* \*



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(R)

"TO: Dr. Theodore von Karman

"August 4th: 1947

"LISTING OF PAPERS AND OTHER PUBLICATIONS FORWARDED  
TO DOCTOR von KARMAN from AEROJET ENCG. CO., AZUSA,  
CALIF.

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- "No. 51 - Printed booklet from London - titled 'Proceedings of the Royal Society' series A Mathematical and Physical Sciences, No. 1019, 3 June 1947, Vol. 189.
- "No. 52 - Printed booklet published by the American Assn. for the Advancement of Science- titled 'SCIENCE, The Scientists Newsweekly' subject, Science and the Public by R. W. Gerard - volume 106, No. 2741, dated July 11, 1947
- "No. 53 - Printed booklet - written in French - titled 'Congres International de L'Electricite de Grenoble, 8-11 Juillet 1946
- "No. 54 - Printed booklet in Spanish - from Ciencia Y Teonica, Revista del C.E. De Ingenieria - June, 1947, volume 108, No. 540.
- "No. 55 - Printed booklet - titled 'The Scientific Monthly' Vol. LXV, No. 1, July 1947, published by the American Assn. for the Advancement of Science.
- "No. 56 - Printed booklet - titled SCIENCE, the Scientists News-weekly, subject Importance of Ecology in the Training of Engineers by Paul B. ~~Sears~~ - dated July 4, 1947.
- "No. 57 - Printed booklet published by National Research Council of the National Academy of Sciences, Washington, D.C. VOL. 28, No. 3, June 1947, titled 'Transactions American Geophysical Union'.
- "No. 58 - Printed booklet - dated June 27, 1947 - VOL. 105, No. 2739 - Subject 'INDEX ISSUE' - titled 'SCIENCE, The Scientists Newsweekly'.

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- "No. 59 - Printed booklet - titled 'QUARTERLY of Applied Mathematics' - VOL. V, No. 2, July, 1947. \
- "No. 60 - Printed booklet from London - Titled 'OBITUARY NOTICES of Fellow of the Royal Society - Volume 5, No. 15, Feb. 1947.
- "No. 61 - Printed booklet from London - Titled 'PROCEEDINGS of The Royal Society - Series A. Mathematical and Physical Sciences, VOL. 190, No. 1020, June 17, 1947
- "No. 62 - Printed booklet (2 identical copies) addressed to Mademoiselle von Karman-from Paris - titled 'REVUE de PARIS' No. 7, July, 1947
- "No. 63 - Printed book - from Mexico, via Registered Mail - 2nd edition, titled 'NINOS INDISCIPLINADOS' by Dr. Elemer von Karman.
- "No. 64 - Six different copies of Semi-weekly French Newspaper- Los Angeles Edition- of Courrier Francais.
- "No. 65 - from Army Ordnance, Mills Building, Washington, D.C. - printed booklet titled 'ORDNANCE, Ground, Sea, Air, The Magazine of Scientific and Industrial Preparedness' dated July-August, 1947, VOL. XXXII, No. 163.
- "No. 66 - printed booklet - from the Royal Society, Burlington House, London, W. I. - titled 'Philosophical Transactions of the Royal Society of London - Series B. Biological Sciences, Subject - The Theory of Linkage in Polysonic Inheritance by R.A. Fisher, F.R.S.
- "No. 67 - printed booklet - published by American Iron and Steel Inst. 350 Fifth Ave., N.Y. 1, N.Y. - Titled 'Steelways' July, 1947.
- "No. 68 - letter from Army Ordnance Association, Los Angeles Post dated June 26th - copy of this letter enclosed herewith.

(1)

NY 65-15387

- "No. 69 - post card - from City Planning Commission, Pasadena, Calif. dated July 14, 1947 - copy of this card enclosed herewith.
- "No. 70 - from Gunther Furs - 666 Fifth Av. N.Y.C. - FUR STORAGE RECEIPT for persian lamb coat valued at \$250 - addressed to Mrs. ~~von~~ Karman

"Yours very truly,

/s/ "E. Meyers

"Ethel Meyers"

\*\*\*

"August 4th, 1947

(B) "Dr. Theodore von Karman  
Hotel California  
16 rue de Berri  
Paris, 8, FRANCE

"Dear Dr. von Karman:

"Below is a further listing of mail received to date:

- "No. 47 - from Headquarters, Air Materiel Command, Wright Field - dated 30 July, letter in duplicate - copy of which is herewith enclosed.
- "No. 48 - from McGraw - Hill Book Co. Inc., N.Y.C. - royalty statement for 6 months, title - Mathematical Methods - with check enclosed for \$281.58. Check being retained in N.Y. Office file for your return.
- "No. 49 - from Merrill Lynch, Pierce, Fenner & Beane, - addressed to Dr. Theodore von Karman and/or Josephine D. von Karman - statement of security account- showing credit of \$62.50. Am holding in file here.
- "No. 50 - from Panhandle Eastern Pipe Line Co., 120 Broadway, NYC - addressed to Dr. Theodore von Karman and Josephine de Karman - printed "comparative Income Statement" and printed "condensed balance sheet of June 30, 1947". Am holding here in file.

NY 65-15387

"Dear Doctor:

Attached hereto is a list of papers and printed matter forwarded to you at this office by Aerojet Engineering Corp. Azusa, California. I am affixing a number to each listing as heretofore, for the benefit of simplifying your request for forwarding any of these papers. A copy of all listings is being sent to Mr. Perl who is now at Cornell University, so that he may know about the publications being held in the office here, in the event he is interested in having a particular one forwarded to him at Ithaca.

"Yours very truly,

/s/"E. Meyers

"Ethel Meyers"

\*\*\*

(A)

"Th. V. Karmen  
Hotel California  
16, rue de Berri  
Paris

Aug. 5th 1947

"Mr. William Perl  
Aeronautics Dept.  
Cornell University  
Ithaca, N.Y.

"Dear Perl:

"I received your calculations on the 40 x 40 wind-tunnel. I think it is very well done. I have not had the time, yet, to look into the details.

"I understand that you now mostly work on the scavenging problem, this may be more important from the point of view of cost and specifications.

"I wonder how far Kantrowitz ahead Kantrowitz got with his calculations?

NY 65-15387

"Last week I visited the French aerodynamic and ballistic laboratory in St-Louis. It's a place where about 80 Germans work on theoretical and experimental problems. The theoretical question is under the direction of Sauer. They calculate a tremendous number of special problems, especially shock waves. However, I have not heard any real new idea.

"I wonder if you have in the New York office a copy of the transonic paper which you sent to Youn-Reisner for publication. If so will you be kind enough to send it to Clark Millikan in Pasadena, he wants this paper for comparison with windtunnel experiments. If no copy is available, please ask Reisner to send a copy of the galley proof to Millikan. I, myself, would very much like to have the galley proof as I did not have the opportunity to read the whole paper over before we sent it off.

"I thank you very much for the draft of the hydrodynamic paper. I will try to translate it into French.

"I should like very much receiving your news.

"My address is:

"California Hotel  
16, rue de Berri Paris"

\*\*\*

"August 5th, 1947

(R)

"Dr. Theodore von Karman  
Hotel California  
16 rue de Berri  
Paris, 8, FRANCE

"Dear Doctor von Karman:

"The paper listed below as No. 71, is the most recent mail received up to this writing.

NY 65-15387

"No. 71 mimeographed report- from Technical Library, Project Squid, Princeton University, Princeton, N.J. - marked No. 31 - classified as "confidential"

"This completes listings of all mail received in this office addressed to you or Dr. Josephine de Karman, through the afternoon of this day.

"Yours very truly,

"Ethel Meyers"

\*\*\*

(B)  
"Th. v. Karman  
Hotel California  
16, rue de Berri  
Paris

"Aug. 5th 1947

"Mr. William Perl  
Aeronautics Dept.  
Cornell University  
Ithaca, N.Y.

"Dear Perl:

"I received your calculations on the 40 x 40 wind-tunnel. I think it is very well done. I have not had the time, yet, to look into the details.

"I understand that you now mostly work on the aerodynamic problems, this may be more important from the point of view of cost and specifications.

"I wonder how far Kantrowitz-ahead Kantrowitz got with his calculations?

NY 65-15337

"Last week I visited the French aerodynamic and ballistic laboratory in St-Louis. It's a place where about 80 Germans work on theoretical and experimental problems. The theoretical question is under the direction of Sauer. They calculate a tremendous number of special problems, especially shock waves. However, I have not heard any real new ideas.

"I wonder if you have in the New York office a copy of the transonic paper which you sent to Young Weisner for publication. If so, will you be kind enough to send it to Clark Millikan in Pasadena, he wants this paper for comparison with windtunnel experiments. If no copy is available, please ask Weisner to send a copy of the galley proof to Millikan. I, myself, would very much like to have the galley proof as I did not have the opportunity to read the whole paper over before we sent it off. (u)

"I thank you very much for the draft of the hydrodynamic paper. I will try to translate it into French.

"I should like very much receiving your news.

"My address is:

"California Hotel  
16, rue de Berri Paris

"they will forward any mail should I go away.

"With our best greetings to the Ithaca people,

"Very cordially yours,

/s/ "Karnan

"Th. V. Karnan"

\*\*\*

NY 65-15307

(B)

"August 6th, 1947

"Dr. Theodore von Karman  
Hotel California  
16 rue de Berri  
Paris, 8. FRANCE

"Dear Dr. Von Karman:

"The attached telegram and letter are self-explanatory. I thought it may be best to forward this to you for your direct handling, since the telegram does appear to have a tone of urgency.

"The following listing is other mail I have received today:

"#72 - 'confidential' mimeographed booklet from Air Materiel Command, Engg. Div. Wright Field, Dayton, Ohio - TSENG report No. 12, August 1, 1947.

"Yours very truly,

"Ethel Meyers "

\*\*\*

"Aug. 6, 1947.

(B)

"Dear Professor F.S. Egilrud,

"I am sending you under separate cover five copies of a memorandum to Sverdrup and Parcel entitled 'Maximum mass flows through nozzles and turbojets.' Two of these copies are intended for St. Louis, one for yourself, one for the N.Y. office files and one for Prof. von Karman. I hope this report adequately fulfills the needs of St. Louis on this aspect of the problem.

"I received your letter of Aug. 4 with attached copy of letter from General Ross. Dr. Kantrowitz has not as yet received his copy of the latter. A copy of the NASA report referred to in this letter is available here. The comments of General Ross and Mr. Basker are under consideration here.

"Yours very truly,

/s/ "William Perl"



NY 65-15387

(B)

"DR. THEODORE von KARMAN  
570 Lexington Avenue, Room 711  
New York 22, N.Y.

PLaza 3-1629

"August 6th, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

(u)

"Dear Dr. Perl:

"Enclosed please find set of papers for your completion and fingerprinting, together with copy of letter from Mrs. Roddenbery which I believe explains the procedure. Self addressed return envelope is also enclosed.

"Regards,

"Yours very truly,

/s/ "Ethel Meyers

"Ethel Meyers"

\*\*\*

NY 65-15387

(B)

"DR. THEODORE von KARMAN  
570 Lexington Avenue, Room 711  
New York 22, N.Y.

PLaza 3-1629

"August 7th, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"Not until the card was already fingerprinted, did I notice that I had erroneously sent you the one intended for me, and retained for my own fingerprinting the one bearing your name on it.

"Since this card already has my fingerprints on it, I am filling my name in on top of yours and requesting Mrs. Roddenbery in Washington to make the necessary changes by typewriter, since I did not want to take the liberty of making any changes on it myself.

"I believe it might be quite alright for you to pursue the same way, but in the meantime, I am sending a copy of this letter to Mrs. Roddenbery who in turn can tell us if new fingerprint cards have to be submitted.

"Yours very truly,

/s/ "Ethel Meyers

"Ethel Meyers, Secy.

"CC: Mrs. M. Roddenbery,  
Washington, D.C."

\*\*\*

NY 65-15327

(B)

"COLUMBIA UNIVERSITY  
in the City of New York  
(New York 27, N. Y.)  
Department of Physics

"August 8, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"We received your card today and will add Professor  
Sears to our mailing list. Miss Gill sent you the remainder of  
the stencils yesterday. We shall both be glad if you will send  
back whatever you have done as soon as you can so that we can  
keep the running and collating going.

"Sincerely yours,

/s/ "Carol S. Schneider

"Carol S. Schneider"

\*\*\*

"COPY-

"orig. retained in N.Y.O. file-

" HEADQUARTERS, ARMY AIR FORCES

Washington

"8 August, 1947

"Mr. Theodore von Karman  
Room 711  
570 Lexington Avenue  
New York, N.Y.

"Attn: Miss Meyers, Secretary

NY 65-15387

"Dear Miss Meyers:

"Enclosed is report No. D52.16/446 'Note on the Stability of Accelerated Flight', which was requested by Doctor along with several other reports, from Wright Field. This is the first of that list I have received. I believe it is for Mr. Perl's use.

"Sincerely yours,

"(signed) MARIE D. RODDENBERRY  
"Administrative Assistant  
"Scientific Advisory Board

"copied by E. Meyers"

\*\*\*

(B)

"August 8th, 1947

"Dr. Theodore von Karman  
Hotel California  
16 rue de Berri  
Paris, 8, FRANCE

"Dear Doctor von Karman:

"The following is listing of mail received here forwarded to you by Marion Omesher of Calif. Inst. of Tech., Pasadena, California:

- "No. 73 Letter signed Genl. G. A. Crocco, together with printed booklets and literature from Accademia Nazionale Dei Lincei, by G.A. Crocco, titled 'Il superamento della barriera del suono in Aviazione', and 'Sulla applicazione dell' energia atomica alla navigazione interplanetaria'. The letter only is enclosed herewith. (no copy of letter has been made for N.Y.O. file).
- "No. 74 from Industrial & Engineering Chemistry, Washington, D.C., letter requesting your opinion on their enclosed typewritten manuscript titled 'Some remarks on Mass Transfer in Heterogeneous Reactions under conditions of Flow' - by Joseph Weiss.

NY 65-15387

- "No. 75 Mimeographed report on 'Division Activities for the year 1946-1947 just submitted to the Chairman of the National Research Council - signed by Frederick M. Feiker, Chairman Div. of Engg. and Ind. Research.
- "No. 76 Letter from Association des Ingenieurs, signed by Aristede ~~Gillet~~ - copy enclosed.
- "No. 77 Letter from Ho ~~Loon Shu~~, Malaya. (copy enclosed)
- "No. 78 Letter U.S. Dept. of Commerce, Washington, D.C., signed Hugh L. ~~Dwyden~~ (copy enclosed).
- "No. 79 Letter from Harvard University, signed R.v. ~~Mises~~ (copy enclosed)
- "No. 80 Letter signed A. V. ~~Karbov~~, Consulting Engr. (copy enclosed)
- "No. 81 Letter Inst. of Int. Education, NYC - signed Edgar J. Fisher (copy enclosed)
- "No. 82 List of lectures beginning August 6th through August 27th. from Naval Ordnance Laboratory, White Oak, Md, Research Department, Mechanics Division (retained here)
- "No. 83 Letter from K. ~~Konstantinowsky~~, London, signed ~~Nofski~~ (copy enclosed)
- "No. 84 Letter and blueprint drawing from H. M. ~~Peterson~~, San Francisco, Calif. (copy of letter enclosed) blueprint being held here in N.Y.O.
- "No. 85 from National Advisory Committee for Aeronautics, Wash. D.C. - mimeographed list dated June 30th, headed 'Technical Notes'.
- "No. 86 from National Advisory Committee for Aeronautics, Wash., D.C. - printed list dated June 30, 1947 - headed 'Wartime Report Release List No. 10'.

(U)

NY 65-15387

"This next listing below is mail forwarded to this address by Aerojet Eng.:

- "No. 87 a printed form for Application for Membership from American Meteorological Society, Boston, Mass.
- "No. 88 Invoices from China Society (enclosed herewith)
- "No. 89 Printed copy of Congressional Record - Proceedings and Debates of the 80th Congress, first session- titled PLAIN TALK ABOUT A MISSOURI VALLEY AUTHORITY.
- "No. 90 Two printed copies of booklet titled 'SCIENCE', July 18th subject Scientific Publishing in Europe and July 25th subject The Native Protein.

"The following is list of mail which came directly to this office in the last two days.

- "No. 91 from Princeton University- mimeographed paper dated July 20, 1947- Titled - Visit report on propulsion testing facilities, Dept. of Aeronautical Engineering, University of Minnesota.
- "No. 92 from Princeton University- mimeographed paper (no date) headed - Distribution List, Minutes of Meetings - Policy and Technical Committees. (u)
- "No. 93 Copies of letters from The American Society of Mechanical Engineers, N.Y.C. (enclosed herewith)
- "No. 94 letter from Aerojet- signed Eddie- dated 8/6/47 (copy enclosed herewith).

"Yours very truly,

"Ethel Meyers

"CC: Mr. Perl"

\*\*\*

NY 65-15387

(B)

"8/8/47

"Up to this writing it does not appear that I have received the reports you are so anxious to have forwarded to Dr. von Karman. I doubt if this material may have escaped your attention while you were still in New York, but you have received a listing of all that has come in the mail since you left. The first thing Monday, I will make a complete search of earlier mail. However, Dr. von Karman has been receiving these mail listings since I came here and it would seem that he would have noticed and requested those papers if they were listed as having been received. I'll certainly keep you informed and communicate with you whenever I am in doubt. (u)

"Mrs. Roddenbery did not state how many copies of the application she wants, but I am today mailing in four copies (orig. and 3) the number she sent me.

"Prof. Egilsrud is awaiting return of your expense report papers.

"Kind regards -

"Ethel Meyers"

\*\*\*

NY 65-15387

(A)

"Graduate School of Aeronautical Eng  
Cornell University  
Ithaca, N.Y.  
Aug. 10, 1947

"Dear Doctor,

"The most urgent item on the program, namely, Stability and Control is not progressing very rapidly here. I wrote to NACA for some reports, including the one on the P-38, but so far no reply. Likewise Wright Field has not sent anything yet, so far as I know. I am now in process of being cleared, through Mr. Roddenberg, by the AAF to handle confidential material. Instructions in this matter would be appreciated.

"The S. & P. job is progressing. I have completed an estimate of maximum mass flows to be required by ram and turbojets, a copy of which you should get shortly. Wild is still on his scavenging program and Kantrowitz has just received bad news in the form of a suggestion from Gen. Ross (due to Backer) that he work on starting methods for  $M = 2.6$  instead of higher (because of small size of the Kochel Funnels). He doesn't know what to do about this in view of the program arranged with you. (u)

"Sears is a very nice person. He arranged some wonderful "bull sessions" with Dr. Goldstein when the latter was here. As you probably know he (Sears) has completed a paper on extension of the sweepback idea to the boundary layer. As a result he was quite interested in my proposal to use a high aspect ratio subsonic diffuser sufficiently swept back leading edge to decelerate supersonic flows through the speed of sound. In this connection, it would appear also quite feasible to accelerate subsonic flows to low supersonic values with the reverse arrangement. This might be useful say in the 40X40 transonic tunnel because raising or lowering the velocity scale, hence the test section Mach number, might not require any variable wall geometry.

"Your Supersonic Aerodynamics paper has been published, and reads quite well. There was an interesting suggestion by R.T. Jones in his comments at the end, namely to extend the transonic similarity law to three dimensions. It seems to me that



NY 65-15387

this could be done for flattened ellipsoids by starting from the equations of motion in ellipsoidal coordinates. The other Mach number ranges could be included.

"In regard to the detached shock problem, I hope the people you met who are working on this are not too near a solution, because the project of taking my PH.D. qualifying exam this Fall is effectively keeping me from doing any real research. However, this thought occurred the other day: We have been assuming that the sonic line starts at the sharp shoulder of the wedge as per fig.1, giving the solid line

(Equation)

(Equation)

"boundary in the hodograph representation, fig.2. Now why couldn't the sonic line start ahead of the shoulder, as indicated by the dotted lines? The new boundary in the hodograph plane, indicated dotted, looks capable of yielding just as valid solutions. If this is correct then we finally have a clear cut case of a transonic flow with a single infinity of steady state solutions of the equations of motion. The very interesting question then arises as to which solution Nature picks. Note that the solution with sonic line starting from shoulder has, crudely speaking, a minimum departure of the flow quantities such as velocity, static pressure, etc. from the free stream value.

"I hope you are having a "good time" and Pipa likewise. Regards to Ted, to whom I hope to be able to send Stability & Control material soon.

"Cordially yours,

/s/ "Bill

NY 65-15387

"P.S. The notes of your Columbia lectures should be out any day now.

---

"P.S.S. Just received your letter of Aug. 5. I hope you received mine sent earlier. On the S. & P. work I plan to help Wild finish the scavenging program including a study of steam ejectors. Also S. & P. want opinions on the future maximum size of aerodynamic power plants and on the surface irregularities permissible in supersonic nozzles. We shall do what we can on these somewhat nebulous matters. I shall ask Kantrowitz to communicate directly with you on a possible change of policy in his problem. Do you wish a more formal progress report from the Ithaca group?

→ "I am writing to Prof. Eric Reissner tonight to have him send you and Millikan a galley proof of the transonic paper as I think there is only one New York copy. (u)

"Your statement as to not having heard a new idea in Sauer's group was received with much satisfaction here (where we have plenty of new ideas but no people to work them out).\*

"The Ithaca group (and Liepmann, who is visiting here) send you and Pipa their best.

/s/ "B.P."

\*It seems to me the sweepback idea, which is based on a uniform translation of the flow field can be extended to a uniformly rotating flow field, with a ring airfoil instead of an infinite yawed airfoil; and also to various combinations of translation and rotation.

"Some items of mail received to date 11/21/47.

"1. Second request from I.A.S. for comments on request of Lin, Lung, Hua for advance in grade of membership from Technical Member, (presumably to Associate Member).

"2. Notice of meeting of Squid Combustion Panel, Dec. 12, 1947 in Wash. D.C.

"3. Request from Squid project organizer for comments on a letter from Bu. Aer. to Squid on fiscal appropriation for coming year."

NY 65-15387

"DR. THEODORE von KÁRMÁN  
570 Lexington Avenue, Room 711  
New York 22, N.Y.

PLaza 3-1629

"August 11th, 1947

(B)

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"I am sending you herewith, via Registered Mail, the following enclosures:

1. Copy of letter to me from Dr. von Karman. Following Doctor's request, I am also enclosing drawing No. 550271, instructions for which are contained in Doctor's letter.
2. Copy of letter to me from Mrs. Roddenbery. Photostat report No. D52.16/446 referred to and enclosed with this letter, is forwarded to you herewith, for your determination as to whether it is to be sent to Dr. von Karman.
3. Copy of my letter to Mrs. Roddenbery. Complete address(encircled in red) to be used for classified mail to Dr. von Karman which you may wish to send to him via diplomatic pouch. In the event you have not had occasion to send mail in this manner, here is the procedure which I have been instructed to follow and which I have been doing. Classified material to be sealed in an envelope marked "confidential" or "restricted" or whatever classification may apply. These markings to appear on front and back of this sealed envelope. Then placed in another envelope addressed to Mrs. Roddenbery, with letter of transmittal to her and request that it be forwarded to the Doctor.

NY 65-15387

4. Copy of letter from Mrs. Roddenbery to me- concerning mailing instructions.
5. Copy of my letter to Dr. von Karman, bearing his address (encircled in red) up to August 25th.

"Yours very truly,

/s/ "Ethel Meyers

"Ethel Meyers, Secy.

"enclosures

"mailed via Registered Mail (confidential)"

\*\*\*

"August 11th, 1947

(E)  
"Headquarters, Army Air Forces  
AFDRD-1, Rm 3D-10<sup>th</sup>9 Pentagon  
Washington, 25, D.C.

"Attention: Mrs. Marie Roddenbery

"Dear Mrs. Roddenbery:

"I am today in receipt of photostat report No. D52.16/446 "Note on the Stability of Accelerated Flight" from Wright Field, which you forwarded to me. Mr. Perl has been eagerly awaiting papers on this subject, and I am therefore forwarding this report to him for his perusal and I am requesting him to mail them to Dr. von Karman if he feels the Doctor should have this report.

"I am today in receipt of a letter from the Doctor wherein he requests me to send you file folder on the OETZTAI WIND TUNNEL, Modene.

NY 65-15387

"Paris, France. Since the enclosed folder is the only one in the file which I can find referring to this subject, I am enclosing it herewith, assuming it is the one to which the Doctor refers in his letter.

"From time to time it may be necessary for me to send various papers and/or reports to Mr. Perl, who in turn may determine they should be sent to Dr. von Karman. Therefore, I am giving your address to Mr. Perl, so that he may use it for forwarding classified material to Dr. von Karman.

"Sincerely yours,

"Ethel Meyers, Secretary (u)

"enclosure

"CC- Mr. Perl"

\*\*\*

"August 11th, 1947

(B)

"Dr. Theodore von Karman  
Excelsior Hotel  
Rapallo, Italy

"Dear Doctor von Karman:

"Thank you for your kind letter of August 4th. Accordingly, I am enclosing herewith printed booklet No. AN 01-75FJA-2, which came under my No. 29 listing. The blueprint No. 550271 connected therewith, I am today mailing to Mr. Perl for his perusal. (I believe Mr. Perl saw this drawing in New York before he left for Ithaca, and it was his suggestion that I send you drawing of the Curve which was also included with the drawing). I am forwarding to Mr. Perl,

NY 65-15387

"also, copy of your letter to me, which will give him the necessary instructions for mailing to you extracts of this drawing or any reports which he deems of interest to you.

"The only folder which I could locate in our file regarding the OETZTAL WIND TUNNEL, Modene, Paris, France, is one headed "War Department, France" in which is a file of correspondence, photost. photographs pertaining to the subject, Oetzstal Wind Tunnel. Under the assumption that this is the file folder you make reference to, I have sent it via classified mail to Mrs. Roddenbery with a note informing her that I am sending it at your request.

"Today, I am in receipt of photostat report from Mrs. Roddenbery titled "Note on the Stability of Accelerated Flight" report No. D52.16/446, from Wright Field. Mrs. Roddenbery states that this is the first of these reports which she has thus far received. I am sending it to Mr. Perl with request that this or other papers and/or reports which I send him and which he feels should have your attention, be forwarded to you through Mrs. Roddenbery.

"Yes, Doctor, Mr. Perl has been receiving a copy of my letters to you which contain listings of mail received.

"I have made note of your new address in Italy up to August 25th, and will address you there for mail to reach you up to that date.

"Mrs. Roddenbery has given me complete instructions for forwarding classified mail to you, and I am sending a copy of that letter of instructions to Mr. Perl so that he may follow the procedure.

"Sincerely yours,

"Ethel Moyers, Secretary

"enclosure"

" CC- Mr. Perl "

NY 65-15387

(A)

"Grad. School of Aero. Eng.  
Cornell Univ.  
Ithaca, N.Y.  
Aug. 12, 1947.

"Dear Ted,

"Enclosed is some more material. If particularly interested in any of the references either (a) request a summary (b) request the paper itself from me (c) request the paper direct from NACA. The last would be quickest for getting the whole works.

"If you have a chance let me know how desperate you are for more material as this information may save me some time. The thing by Lighthill was the first thing received from Wright Field (useless because low speed). NACA hasn't yet sent anything. In an extreme emergency I could send stuff from the Cornell library to you but this might strain the hospitality of the boys here---so let me know the situation. By the way did you receive my previous communication with some summaries. Am trying a new route with this, through Mrs. Roddenberg & diplomatic pouch. (U)

"Regards to boss & Pipa. Have just written him, to Hotel California - airmail.

"Yours,

/s/ "Bill

\*\*\*

(A)

"Graduate School of Aero. Eng.  
Cornell University  
Ithaca, N.Y.  
Aug. 12, 1947.

"Dear Mr. Roddenberg,

"Would you forward the enclosed letter to Major Theodore Walkowitz at the Office of the Military Attache  
American Embassy, Paris, France?

NY 65-15387

"Thank you.

"I am awaiting instructions as to what to do with the fingerprint card you sent. As you know Mrs. Meyers sent me the one with her name on it, and has already put her prints on the one with my name.

"Yours very truly,

/s/ "William Perl"

\*\*\*\*

(B) (Address)  
"Box 3 Pupin  
Columbia University  
New York 27, N.Y.

(Post Card)

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York"

(Message)

"August 11, 1947

"Dear Mr. Perl:

"Thank you for returning the stencils so promptly. They arrived this morning. Have you received lectures 9-12 which we mailed to you on August 7?

"Sincerely,

/s/ "Virginia Gill"



NY 65-15387

(B)	"SVERDRUP & PARCEL	
"PARTNERS	Consulting Engineers	
L.J. SVERDRUP	Syndicate Trust Bldg.	"570 Lexington Avenue
JOHN I. PARCEL	St. Louis 1, Mo.	Room 711
E.R. GRANT		New York 22, N.Y.
BRICE R. SMITH		
D.C. WOLFE		

"August 13th, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"I received your letter of August 12th and note that you have sent the expense account and time sheet direct to St. Louis. I hope this will work. (U)

"I am not quite clear regarding which way you prefer payments to be made. As far as the expense account is concerned I see no reason why this cannot be handled by you sending me expense account statements in duplicate which I will approve and forward. This could be done weekly or whenever you have any bill to render. As far as your time is concerned, St. Louis declared their willingness to pay you in Dr. von Karman's absence, but you instructed me to tell St. Louis that you preferred your payments to come directly from Dr. von Karman and I naturally assumed that you had made the necessary arrangements to that effect. However, if you wish to change this, please let me know and I will take the matter up with the accountant.

"I am glad to hear that we will very shortly receive reports on the scavenging problem and the air flow requirements. I should prefer that you send the copies to me instead of to St. Louis since I am handling one phase of this matter here at this office and will also get some help from Professor Markham in this matter and will therefore have to make a report of my own to accompany your report.

NY 65-15387

"I am enclosing a copy of a report made by Dr. Ramm which you may not have seen. Take it for what it is worth.

"Yours very truly,

/s/ "F. S. Egilsrud

"F. S. Egilsrud

"FSE/em  
"enclosure

"P.S. Please make 3 copies of the reports.

"SPECIAL DELIVERY

F.S.E."

\*\*\*

(B)

"August 13th, 1947

"Dr. Theodore von Karman  
Excelsior Hotel  
Rapallo, ITALY

"Dear Dr. von Karman:

"A further listing of mail received to date appears below:

"Check- from Princeton University, for consultation fee,  
Policy Committee meeting, 6/30/47 - \$50 (holding here).

"Invoice - from Men's Faculty Club - 1/2 yearly dues  
July to December, 1947 - \$12.50 (enclosed herewith)

"Check- from John Wiley & Sons, Inc., \$228.32 - together  
with Royalties Statement to cover. (check being held here).

"The following is mail forwarded to you here by Aerojet:

"Letter from J.H. Argovis, London - unopened - (enclosed herewith).

NY 65-15387

"Letter- from U.S. Dept. of Justice, Immigration and Naturalization Service, Philadelphia, 2, Penna. re Josephine de Karman (enclosed herewith).

"The following is mail received directly at this office:

"No. 95 Memorandum No. 43- from S & P - dated 8/6/47 -(copy enclosed herewith).

"No. 96 from Princeton University- "confidential" report - Technical Library Information, Project Squid (retaining this here).

"Yours very truly,

"Ethel Meyers, Secretary

"enclosures

" CC- Mr. Perl"

\*\*\*

(B)

"August 13, 1947

"Prof. M.S. Egilsrud  
570 Lexington Avenue, Room 711  
New York 22, New York

"Dear Prof. Egilsrud:

"Two copies of the enclosed report have been sent to St. Louis. One of the enclosed copies is for yourself, one for Dr. von Karman and one for the New York office files.

"Yours very truly,

"William Perl

Enc.

WP:AA"

(u)

NY 65-15387

-(B)

"August 14th, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"I have made a thorough search of desk drawers and office file in an effort to locate the letter you request, namely, from Prof. Clark Millikan of Caltech to Dr. von Karman listing two references by ~~Folsom~~ on subject of Ejectors of Steam Ejectors.

"I regret this search has thus far proved fruitless, although it does seem to me that the titled subject does not sound entirely strange. However, that does you no good. I have asked Prof. Egilsrud and he does not seem to be familiar with it at all. The only data I could find on the subject in question is the attached printed leaflet, which may or may not be useful to you. (U)

"Regarding the fingerprint card, I have mailed mine in to Mrs. Roddenbery with only a pencil correction of the name and sex and request that Mrs. Roddenbery make these changes. I have a letter from her today stating that she has done so and that there has been no harm done by the error. Therefore, you may either complete the fingerprint card you now have in the method which I have done, or await a new one from Mrs. Roddenbery.

"A Doctor Perry Pepper came into the office today asking where he could communicate with you. I gave him your address in Ithaca, so that you will probably hear from him shortly. He stated that you may or may not remember him- that he met you about a dozen years ago- that he would like to renew your acquaintance- that he heard of a rumor that Dr. von Karman was interested in employing additional assistants, and it was with that in mind that he wished to get in touch with you.

NY 65-15387

"I have extended your regards to the folks in the office here. They, too, wish to be remembered to you.

"If I can help you in any other way to obtain the "Ejector" information you require, please call upon me.

"Yours very truly

/S/Ethel Meyers

"Ethel Meyers"

"enclosure"

(u)

NY 65-15387

(A)

"15 August 1947

"Mr. William Perl,  
Graduate School of Aeronautical Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"Your letter of 12 August containing enclosure for Major Teddy Walkowics, has been received. As Major Walkowics and Dr. Von Karman are at the Hotel Excelsior, Rapallo, Italy until 26 August, the envelope was forwarded to him there.

"The fingerprint card may be used, by erasing Miss Meyers' name from the top. She forwarded hers to me and I corrected it here, but you may do so, or, you can erase the name and leave the space blank. I can type it in when I receive it. Thank you. (U)

"Very truly yours,

"MARIE D. RODDINBERRY  
Administrative Assistant  
Scientific Advisory Board"

(B)

"August 15, 1947

"Dr. William Perl  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Dr. Perl:

"Thank you for your letter of August 12. We shall be glad to arrange for the galley proofs of the von Karman paper in accordance with your suggestions.

"Sincerely yours,  
/S/ E. Reissner  
"Eric Reissner"

ER:jl

NY 65-15387

"August 15, 1947

(B)

"Dear Mr. Perl:

"The last four lectures have been received and in spite of the heat we are getting them mimeographed and collated. You are most fortunate not to have been in New York during this past week, 95° today.

"Sincerely,

"/s/ Virginia Gill

\* \* \* \* \*

(B)

"War Dept.  
"HEADQUARTERS, ARMY AIR FORCES  
"Washington 25 DC

(u)

"AFDRD-1

"15 August 1947

"Mr. William Perl,  
Graduate School of Aeronautical Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"Your letter of 12 August containing enclosure for Major Teddy Walkowicz, has been received. As Major Walkowicz and Dr. Von Karman are at the Hotel Excelsior, Rapallo, Italy until 26 August, the envelope was forwarded to him there.

NY 65-15387

"The fingerprint card may be used, by erasing Miss Meyers' name from the top. She forwarded hers to me and I corrected it here, but you may do so, or, you can erase the name and leave the space blank. I can type it in when I receive it. Thank you.

"Very truly yours,

"/s/ MARIE D. RODDENBERRY  
Administrative Assistant  
Scientific Advisory Board"

(u)



NY 65-15387

(B)

"August 15, 1947

"Dr. Theodore von Karman  
Excelsior Hotel  
Rapallo, ITALY

"Dear Doctor von Karman:

"I have today received the following mail, forward by Aerojet, Calif. -

"from University of So. Calif.- football tickets (enclosed herewith).

"from Pacific Fire Ins. Co. - 'Agent's Record of Loss Payment' (enclosed herewith).

- "No. 97- Printed booklet - titled 'Notes and Record of The Royal Society of London, dated October, 1946.
- "No. 98- Printed booklet - titled 'Proceedings of The Royal Society', Series A, Mathematical and Physical Sciences, No. 1021, 8 July 1947, Vol. 190. (u)
- "No. 99- Printed booklet - Ciencia y Tecnica, May 1947, No. 539, Vol. 108.
- "No. 100- Printed booklet - Ciencia y Tecnica, July, 1947, No. 541, Vol. 109.
- "No. 101- Printed booklet - Titled 'Science' The Scientists Newsweekly, June 13, 1947, No. 2737, Vol. 105 - subject: Chromosome Structure Under the Electron Microscope.
- "No. 102- Printed booklet - Philosophical Transactions of the Royal Society of London, Series B, No. 592, Vol. 232, May 15, 1947. Subject: The Visual Perception of Fine Detail by H. Hartbridge, F.R.S.
- "No. 103- Printed booklet- Philosophical Transactions of the Royal Society of London, Series B, No. 593, Vol. 233, May 20, 1947. Subject: A Study of a Non-Marine Lamellibranch Succession in the Anthroconala Lenisulcata Zone of the Yorkshire Coal Measures by R. M. C. Eagar.

NY 65-15387

"The following listing of mail has been forwarded to this office by M. Ormesher, Calif. Inst. of Tech. Pasadena, Calif.

"Two seemingly personal letters, unopened (enclosed herewith).

"No. 104- from National Advisory Committee for Aeronautics, Washington, D.C.-mimeographed letter with mimeographed enclosures- (copy of letter only enclosed herewith). Original letter with enclosures retained in New York Office file.

"No. 105- from H.M. Peterson, San Francisco, Calif. - letter with blueprint enclosure. (copy of letter only enclosed herewith). Orig. letter and blueprint being retained in New York Office file.

"Yours very truly,

/S/ Ethel Meyers"

\* \* \*

(B)

"Headquarters, Army Air Forces  
Washington

"18 August 1947

"Mr. William Perl,  
Graduate School of Aeronautical  
Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"Enclosed is Royal Aircraft Establishment Report No. Aero 1918, as requested by Dr. Von Karman. It arrived in this office from Wright Field, this morning.

"Sincerely yours,

/S/ MARIE D. RODDENBERY  
Administrative Assistant  
Scientific Advisory Board

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\* \* \*

(4)

NY 65-15337

(B)

"August 18th, 1947

"Doctor Theodore Von Karman  
Hotel Excelsior  
Rapallo, ITALY

"Dear Doctor von Karman:

"The following is a listing of mail received to date:

"No. 106 - from Princeton University - a set of mimeographed reports, under main title MONTHLY PROGRESS MEMORANDUM, Project Squid, A Program of Fundamental Research On Liquid Rocket and Pulse Jet Propulsion for the Navy Department - with sub-titles, as follows:

"Contract N6Ori-11,	Task Order II,	New York University,
		7/1/47
" N6Ori-98,	" "	II, Polytechnic Inst. of
		Bklyn. 8/1/47
" N6ori-104,	" "	I , Purdue Res. Founda-
		tion, 8/1/47
" N6ori-105,	" "	III, Princeton University,
		8/1/47
" N6ori-119,	" "	I, Cornell Aero,
		Laboratory, 8/1/47

"I am enclosing herewith two unopened letters, one from A.D. Michal with request that it be forwarded via air mail, and the other from Aerojet, marked personal.

"Yours very truly,

"enclosures

/S/

Ethel Meyers, Secy."

NY 65-15387

(B)

"August 22nd, 1947

"Dr. Theodore von Karman  
Hotel California  
16 rue de Berri  
Paris, 8, FRANCE

"Dear Dr. von Karman:

"Thank you for your wire advising of cancellation of Rapallo, Italy address, and requesting that mail now be sent to you at the above address in Paris. A copy of this letter is being sent to Mr. Perl, so that he, too, will make note of your change of address.

"I am enclosing herewith unopened letter from the American Society of Engineers.

"Other mail received here since my last writing is as follows:

"No. 107 - 'confidential' Tseng Report No. 12, Air Material Command, Wright Field, titled 'Weekly Information Report - Engineering Division' dated Aug. 15, 1947.

"enclosure

"Yours very truly,

/S/

Ethel Meyers, Secy."

"cc - Mr. Perl

\* \* \*

(B)

"HEADQUARTERS, ARMY AIR FORCES  
WASHINGTON

"25 August 1947

"Mr. William Perl,  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"The Security Forms and fingerprint card were

(U)

NY 65-15387

received this morning. Also received was the Registered letter for Doctor and Major Walkowicz in Europe. The letter was forwarded to the Military Air Attache in Paris.

"I do not have Doctor's address in London yet. However, mail address to him, c/o Military Air Attache, London, England, will reach him from this office. He is expected to arrive there on 1 September. As soon as I have any definite information, I will notify you.

"Sincerely yours,

/S/

MARIE D. RODDENBERY  
Administrative Assistant  
Scientific Advisory Board"

\* \* \*

(C)

"August 26th, 1947

"Mr. William Perl  
Graduate School of Aeronautical Engineering  
College of Engineering  
Cornell University  
Ithaca, New York

"Dear Mr. Perl:

"St. Louis has agreed to pay your time and expenses during Dr. von Karman's absence.

"As you know, my leave expires on the first of September and I will be going back to Pratt Institute beginning the third. However, an arrangement has been made whereby I will still be on Sverdrup & Parcel's payroll from then on. Mr. Rutz says that in order to arrange for your payment, he has to have an endorsement on the time reports and the expense account invoices. Will you therefore hereafter make up your expense account in duplicate and your time sheet and send them to me at Pratt Institute? The address is F.S. Egilsrud, Pratt Institute, Brooklyn, New York.

"As you undoubtedly know, I had a rather lengthy telephone conversation with Professor Wild this morning and we agreed on certain things. One question, however, which Mr. Cook

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had raised, I forgot to take up with Prof. Wild. This question is 'What might be the largest scoop that could be reasonably anticipated to be required if 1500 lbs. air per second scavenging capacity were available (this means capacity of three package units) and the tunnel was operated through a range of Mach numbers from 0 to 1.6". Will you kindly call this to Prof. Wild's attention, please?

"Since I am no longer going to use this office and Dr. von Karman is not here, it seems as though the AEDC to which the office rent is charged no longer will need the office and the question was raised in St. Louis as to what to do with it. General Sverdrup does not wish to embarrass Dr. von Karman in any way so I suggested that we hold on to the office for a while until some other arrangements can be made. I understand that Miss Pricker will return next week (although I have not heard from her) and I thought that between you and her some satisfactory arrangement at Columbia University, perhaps, could be made. We would, of course, inform Dr. von Karman and get his approval. The matter is not particularly urgent, but it would naturally take some time to get Dr. von Karman's approval of any proposed arrangement so it might be well to think about it at this time. (u)

"May I hear from you in regard to this and also how long you are planning to stay in Ithaca.

"Yours very truly,

"TSE/om

F.S. Egilsrud"

\* \* \*

- (B)

"August 27th, 1947

"Dr. Theodore von Karman  
Hotel California  
16 rue de Berri  
Paris, 8, FRANCE

"Dear Doctor von Karman:

"The following is further listing of mail received here to date:

NY 65-15337

"No. 108 - letter from Institute of Aeronautical Sciences (copy enclosed hereith).

"No. 109 - 'confidential' mimeographed Tseng report No. 12 - Air Material Command, Wright Field, titled 'Weekly Information Report, Engineering Division' dated August 22, 1947.

"I am enclosing herewith for your direct attention, a form letter from the Membership Committee of the Institute of Aeronautical Sciences.

"I am also in receipt of a notice from the Chase National Bank, N.Y.C. advising that they have credited to your account with the Union Bank of Switzerland in Berne, the amount of \$2500.00. (This notice is being held in the N.Y. Office file).

"At the time Miss Fricker left for her vacation, it was my understanding that she would return here early in September. I have had no word from her and I am therefore undetermined as to whether I should continue in this office until her return, or assume that my assignment here terminates as of this Friday, August 29th, especially since Professor Egilsrud will not be here after this date. However, I will telephone the office the first of next week to learn if Miss Fricker has returned. If she hasn't, then I'll step in for a while to look over the mail in order that I may forward to you any papers which may require your attention. In the meantime, if you have more definite knowledge of further proposed temporary arrangements until Miss Fricker's return to New York, I should be pleased to hear from you by return mail.

"Yours very truly,

"enclosures

Ethel Meyers, Secy."

"cc- Mr. Perl

NY 65-15337

(A)

COLLEGE OF ENGINEERING  
Cornell University  
Ithaca, New York

Graduate School Of  
Aeronautical Engineering

"Aug. 29, 1947

"Dear Doctor,

"I am going back to New York tomorrow, having just finished a report on the use of steam ejectors as a scavenging pump. Prof. Wild is turning out reports at a rapid rate (too): Such things as (a) required smoothness of tunnel walls for uniform flow in test section (b) How to calculate duct losses at high altitude (equation). (c) the scavenging problem in general. You should be receiving all these items shortly.

"Prof. Egilsrud called up today to say that Bechtel International wants their office back by Sept. 15. I presume this would require moving everything to the Columbia office. I believe Egilsrud is writing you on this. I presume also that Lillian will be back here soon so I will carry out your instructions together with her. Incidentally Egilsrud is going back to Pratt Institute to teach but will remain on S & P's payroll.

"S. & P. want an opinion on future sizes of power plants. We thought it best to wait for your return before hazarding any guesses on this matter.

"It has been very nice here at Ithaca. You have a standing invitation from Bill Sears to give one or more lectures up here whenever you wish. He even invited me to give a colloquium talk here during the coming year. I may take him up on it if I can get something out of the detached shock problem. Meanwhile I am trying to prepare for my Physics qualifying exam but find it difficult to read books and solve problems. Moreover I don't feel that I am learning anything though I suppose I am, subconsciously.



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"Do you have any instructions regarding future operations at Columbia? How about the Stability & Control situation?

"My best to Pipa.

"Yours,

/S/

Bill Perl"

\* \* \*

"August 29th, 1947

(B)  
"Dr. Theodore von Karman  
Hotel California  
16 rue de Berri  
Paris, 3, FRANCE

"Dear Dr. von Karman:

"Further listing of mail received to date appears below:

"No. 110 - Printed booklet from Wright Field - titled Air Technical Intelligence, Technical Data Digest, Vol. 12, No. 4, dated 15 August, 1947.

"An envelope of mail forwarded by Miss Ormshor of California and received here today, is as follows:

"No. 111 - Mimeographed letter from NACA, Washington, D.C. subject 'The exhaust outlet problem'. Dated 8/20/47.

"Printed leaflet- speech of Hon. Chet Holifield of Calif in the House Of Representatives, 7/22/47 - subject 'Smearing the Scientists: Attempt to Discredit Civilian Atomic-Energy Control'.

"Mimeographed notice from NACA, re appointment of

NY 65-15387

Dr. G. W. Lewis to new NACA Post, to be succeeded as director of Aeronautical Research by Dr. H.L. Dryden.  
Dated 8/22/47.

"Printed report No. 1020, House of Representatives, 80th Congress, 1st session- National Science Foundation Act of 1947 - subject 'Conference Report'.

"Mimeographed booklet- from National Academy of Sciences Organization, July 1, 1947 - subject: 'Offices and Members of the Council of the Academy'.

"Yours very truly,

"cc: Mr. Perl

/S/

Ethel Meyers, Secy."

\* \* \*

(B)

"August 29, 1947

"Sverdrup & Parcel  
St. Louis  
Missouri

"Dear Sirs:

"Enclosed are two copies of a memorandum entitled 'Preliminary study of use of steam ejector as scavenging pump.' Please address any communications to me regarding this or other matters to 570 Lexington Avenue, New York City, inasmuch as I shall return to New York in a few days.

"Yours very truly,

"Encs.

William Perl"

"WP:AA

NY 65-15387

(B)

"August 29, 1947

"Mrs. Meyers  
570 Lexington Avenue  
New York 22, New York

"Dear Mrs. Meyers:

"Please send one copy of the enclosed report to Dr. von Karman and retain the other for the office files. I shall be back in New York in a few days so hold all mail for me there.

"Yours very truly,

"Encs.

"WP:AA

William Perl"

\* \* \*

"August 29, 1947

(B)  
"Professor F. S. Egilsrud  
Pratt Institute  
Brooklyn, New York

"Dear Professor Egilsrud:

"Your letter of August 26 was received. I shall send you some expense accounts and time sheets shortly. Your question as to air scoop size for 1500 lb. per second scavenging capacity has been referred to Prof. Wild.

"Enclosed is a copy of a report on steam ejectors for scavenging. In view of your change of address I thought it would be most expedient to send two copies direct to St. Louis and two more to the New York office, one of the latter being intended for Dr. von Karman.

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"The work here in progressing satisfactorily and is largely completed insofar as I am concerned. Therefore, I shall be back in New York in a few days, at which time I can talk things over with you in detail.

"As regards the use of the New York office, I believe Dr. von Karman finds it very convenient, particularly if he lives again at the Gotham Hotel upon his return to New York. Inasmuch as he is scheduled to return October 1, I think it would be best if the status quo were maintained until then. Meantime I shall be using the office.

"Yours very truly,

"Enc.

"WP:AA

William Perl"

\* \* \*

(A)

"Office of the Military Attache  
American Embassy, Paris, France

"24 September 1947

"Mr. William Perl  
Pupin Physics Laboratories  
Room 927  
Columbia University, New York

"Dear Bill:

"I have to announce to you a difficult decision. I suppose you heard about it from Dean ~~Pugan~~ that our common friend, Professor Rabi, for many reasons has decided to consolidate the seminars both at Columbia and MIT for this Fall and offered to carry on their program in the spring of 1948. There are many personal reasons

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and especially my feeling that the time is too short to finish all the work I undertook and prepare a really worthwhile seminar program for the two institutions. I am very sorry that in this way our collaboration is postponed but maybe you can devote these few months to your scientific work and we will have a better chance to a more leisurely scientific cooperation after Christmas.

"I have now two worries. First, I wrote the paper entitled, 'Theoretical Considerations on Stability and Control at High Speeds,' and presented it at the Anglo-American Conference in London. They put this on the program as the first lecture. It went over alright, however, it was in contrast with all the other lectures. My lecture was essentially an introduction to a discussion as I was told that was all they expected, the other authors, however, worked on formal lectures with a lot of diagrams and numerical data. They gave in the twenty minutes an abstract of their paper, whereas my paper was really a twenty minute general introduction. Now they will publish the papers in the Journal of the Royal Aeronautical Society so it is necessary for me to complete the paper. This actual substantial data we worked out with Teddy and a list of figures which should be included, I suppose he contacted you. I would be very much obliged if you would help him collect the material. As far as classified data is concerned, we will delete every reference to actual airplanes and also get release from Dr. ~~Dryden~~. I suppose that the NACA spirit changed with the appointment of Dryden and we should not have difficulties. I also suppose that my collection of NACA reports are in the Columbia office so that Teddy and yourself can go through and collect the data. The deadline of the paper is November 15th.

(u)

(Second page missing)

(Ltr. to Mr. William Perl, 24 September 47) (3)

it is better for her to get back to her professional

NY 65-15387

work. I also do not know how much consultant work I will do in the future. I suggested that Lillian confer with you and decide whether the contractual work justifies full or half-time employment of Mrs. Meyers. It appears to me that half-time of Mrs. Meyers would be best provided she is willing, if not we should make special arrangements with one of the Columbia secretaries, and eventually one of the Bechtel girls for forwarding of mail and answering a few letters against appropriate payment for their services.

"Please let me know whether anybody paid your consulting services and if not Lillian should collect time sheets from you and put the things in the machine. Mr. Andrew C. Haley, 1705 K Street, Washington, D.C. has power of attorney for me for issuing checks.

"I'm including in this letter the revised galley of my Similarity paper. I changed a few things so please go over it again, through all the calculations and send it back to Professor Reissner. (4)

"My sister send best regards, and I remain

"Very cordially yours,"

\* \* \*

(c)

"September 24, 1947

"Present address:  
Room 827,  
Pupin Physics Labs.  
Columbia University  
New York 27, N.Y.

"Prof. E. Reissner  
JOURNAL MATHEMATICS & PHYSICS  
Massachusetts Institute of Technology  
77 Massachusetts Ave.  
Cambridge 39, Mass.

"Dear Professor Reissner:

NY 65-15387

"Enclosed is the corrected proof of Dr. von Karman's paper. The legibility of exponents such as (equation) may be improved by printing (equation). If the somewhat numerous corrections of (equation) to (equation) respectively, are deemed unduly difficult, they may be omitted, in which case (equation) should be replaced by (equation) in the second line following Eq. (36).

"Please note Dr. von Karman's present address in New York.

"Very truly yours,

"WP:lf

(Mr.) William Perl"

\* \* \*

(A) "DR. THEODORE VON KARMAN  
570 Lexington Avenue  
Room 711  
New York 22, N.Y.

Plaza 3-1629

"September 29, 1947

"Present address:  
Box 59, Pupin Physics Labs.  
Columbia University  
New York 27, N.Y.

"Mrs. Marie Roddenbery  
Headquarters, AAF  
AFDRD-1, Room 3D-1039 Pentagon  
Washington 25, D.C.

"Dear Marie:

NY 65-15387

"The meeting between Teddy and William Perl came to pass as scheduled. It was that daylight time you specified that threw me off; since yesterday we are rid of that complication, anyway.

"Now I have news for you. I have accepted an offer from Harvard University to do nutrition research there, beginning October 1. They had offered me the same job last winter, but at a much lower salary. This time I am accepting it.

"Since the Boss will not be back until early in December, there is so little activity in this office that there is no necessity to replace me at this time. The files will remain in the office at Columbia and Mr. Perl will handle incoming mail that is received here. If you have material for the files, therefore, it can still be sent here. Mr. Perl knows how to forward classified material via you and I am advising Marion at Caltech of this procedure also.

"Maybe some day I will succeed in getting to Washington for a visit; I have tried unsuccessfully ever since I have been working in New York, but I've been sort of busy otherwise. If I do get into town, I'll call you to see how things are going.

"Sincerely,

/S/

Lillian  
(Lillian Fricker)"

"lf



MWC:CMD

1

NY 65-15387

"September 29, 1947

"Box 88  
Pupin Physics Labs.

(C)  
"Mr. Harry Greenberg  
Aeronautical Engineering Laboratory  
Princeton University  
Princeton, N.J.

"Dear Harry:

"I need a reference for Dr. von Karman on the subject of snaking in aircraft, with rudder free as well as with rudder fixed. I understand that you have made an analysis of this problem. Could you send me a reference and any other pertinent information? The particular question that Dr. von Karman wants elucidated is the applicability of the condition that the stability determinant be greater than zero to the motion of snaking. (u)

"Needless to say, I am in the usual hurry to get this information, and any help you can render will be greatly appreciated.

"By the way, the notes of the Karman Columbia lectures are out.

"Best regards.

/s/ "William Perl

"WP:jf"

NY 65-15387

"Present address:  
Box 88, Pupin Physics Labs.  
Columbia University  
New York 27, N. Y.

"September 30, 1947

(C)

"Major T. R. Walkowicz  
Massachusetts Institute of Technology  
Cambridge 39, Mass.

"Dear Ted: /

"Here's the stability and control situation so far. On the pictures of transonic shock regime at low and high Reynolds number, H. W. Liepmann of Cal Tech has the original figures of the type we want. I have written him asking that he send two glossy prints to you directly. These will probably be reproductions from figures published in his J.A.S. paper of December 1946. If so, request permission from the Institute of Aeronautical Sciences (Mr. Dexter), 2 East 64 Street, / for permission to use them. (L)

"On the shaking business, I have written to Greenberg at Princeton for information. However, I believe his contribution to the subject is contained in NACA Wartime Report L-394, by Greenberg and Sternfeld. Several other references I found that may be helpful are:

"Ribner: Stability derivatives of low aspect ration triangular wings at subsonic and supersonic speeds, NACA TN 1423.

"Maggin, B.: Experimental verification of rudder-free stability theory, etc., NACA TN 1359.

"Enclosed is the report "High velocity measurements for a wing of small aspect ratio", by Gothert. Finally, I have here the following classified references:

"Adler, A.A.: Effects of combinations of aspect ratio and sweepback at high subsonic Mach numbers, NACA RM L7C24 (Confidential).

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"Mair, W. A.: Note on trim changes at high Mach numbers, Aero 1918 (British Secret).

"Smelt. R.: Longitudinal stability and trim changes near speed of sound, Aero 1911 (microfilm, just received from Wright Field).

"If you want any of the three preceding items, let me know.

"Yours,

/s/ "William Perl

"WP:lf"

\* \* \*

"September 30, 1947

(C)

"Present address:  
Box 88, Pupin Physics Labs.  
Columbia University  
New York 27, N. Y.

"VIA AIR MAIL

"Dr. H. W. Liepmann  
Guggenheim Aeronautics Laboratory  
California Institute of Technology  
Pasadena 4, Calif.

"Dear Hans:

"Dr. von Karman needs two figures showing, for a given airfoil at a given Mach number in the supercritical

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"regime, the typical shock configuration at low and at high Reynolds number. These figures are for a paper he is preparing on 'Stability and Control at High Speed.'

"Would it be possible to obtain glossy prints of two such figures, for example, of the type you published in your J. A. S. paper on 'Interaction of Shock Wave and Boundary Layer in Transonic Flow'? The Institute of Aeronautical Sciences informs me that you have the original figures and cuts of this paper.

"Dr. von Karman will be very appreciative of your aid in this matter.

"Sincerely yours,

/s/ "William Perl

"WP;lf

"P.S.: Please send figures to: Major T. R. Walkowicz  
M.I.T. Graduate House - 509  
Cambridge 39, Massachusetts"

\* \* \*

(C)

"Box 88, Pupin  
Columbia University  
New York 27, N.Y.  
October 4, 1947

"Dr. Theodor von Karman  
Paris, France

NY 65-15367

"Dear Doctor,

"I was very happy to hear from you. Teddy passed through New York last Saturday and told me about the Stability and Control paper. So far I have sent him some unclassified material but in view of your suggestion to obtain NACA release on classified data, I will look around for classified material.

"I am informing the S & P consultants of your present address and will tell Prof. ~~Markham~~ of your desire to have him coordinate the work for the next two months. The address of Prof. W.S. Egilsrud is

"Pratt Institute  
Brooklyn, New York

"He is still a liaison man for S & P and informs me that S & P will send in a Phase II report on Oct. 15, come what may (possibly for political reasons). I think he is anxious to hear from you. (u)

"My finances are O. K. S & P paid me directly for my services this summer. My stay at Cornell was quite pleasant. There were stimulating discussion with Drs. Liepmann and Goldstein (with the latter also political). Dr. Sears is a most remarkable combination of soul and and brain.

"The powers that be, here at Columbia, seem to be reconciled to the postponement of your seminar. Not only do we still have possession of the office but I even got Columbia to move everything up from the Bechtel office (apparently free of charge). We now also have a safe to throw things into.

"~~Harry Moses~~ and I will attempt to handle the secretarial work until you get back. Mr. Moses just transferred here from the Univ. of Michigan. Not only is he starting to try to find solutions of your transonic differential equation but he can also type, for example, this letter, a most formidable combination.

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"Speaking of the similarity theory I made two changes in your galley proofs. First,

(Equation)

"can be written as

(Equation)

"where  $M_\infty = U/a$ , (not  $M_\infty =$  (Equation) which you had). Second, solutions of the differential equations in the Hodograph plane

(Equation)

"are of the form

(Equation)

"where  $Z$  is a Bessel function of order  $1/3$ . Previously

(Equation)

"I hope these changes are correct. Many of your corrections had been made in my copy of the proofs, which I sent back to Reissner some time ago. I hope your corrections reach him in time.

"There is an interesting further check of the similarity law. If one takes Kaplan's calculated upper limiting Mach numbers (Equation) for supercritical potential flow over the so-called Kaplan bump, as a function of the thickness ratio (Equation) of the bump, one finds that

(Equation)

"(These results are practically identical to my results for the Kaplan bump using curvature methods). Considering the approximation of the potential flow calculations "from Below"

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"and of your similarity law "from above", this is good agreement, and indicates that there is not much further to go, qualitatively, in calculating potential flows up to limiting line. This relation between the limiting line and the similarity theory is the analogue "from below" of the relation given in your paper "from above" of the minimum Mach number for attached shock on a wedge.

"Did you receive the 20 copies of your Supersonic Aerodynamics paper and 2 copies of the notes of the Columbia lectures which were sent to you?

"May I make a suggestion concerning CASAS? Perhaps NACA would be willing to provide financial support, with no strings attached, especially now with Dr. Dryden as NACA head.

"Finally, my Ph.D. qualifying examinations are coming up on Oct. 17. Before I am allowed to take these examinations, the Physics Department must have from you a written certification of sponsorship indication that I am properly qualified to take the qualifying examinations. If it is all right with you and if it is too late to send a letter could you send a cable to Professor H. W. Webb of the Physics Dept. here? I shall replenish the petty cash fund by the amount of the expense of the cable. After the qualifying exams I hope really to get going on the detached shock problem.

"Lillian sends greetings. She just left for Harvard.

"My best regards to Fipa.

"Affectionately yours,

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(C)

"Box 88, Pupin  
Columbia University  
New York 27, N.Y.

"Professor Eric Reissner  
MIT  
Cambridge, Mass.

"Dear Dr. Reissner,

"Enclosed are the proofs of Dr. von Karman's  
similarity paper which he has himself corrected and just  
returned to me.

"Dr. von Karman states that he will be back  
in New York in December. Should you wish to communicate  
directly with him, the address is

"Office of the Military Attache  
American Embassy  
2 Av. Gabriel  
Paris, France  
Attn: Secretary of Lt. Colonel ~~Cape~~

"Very truly yours,

/s/ "William Perl"

\* \* \*

"DR. THEODORE von KARMAN  
570 Lexington Avenue, Room 711  
New York 22, N.Y.

PLaza 3-1629



MWC:CMD

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NY 65-15387

(A)

"Box 88, Pupin  
Columbia University  
New York 27, N.Y.  
November 22, 1947

"Dear Doctor,

"You have probably already been informed that the lining of your military coat was mailed to the Hotel California in Paris by Lillian on about September 20. Also, Pipa's fur coat should be well on its way by now. Paul Forda was to have picked it up at Gunther's several days ago.

"Your mail is piling up again. The more important items (I believe) are listed on the enclosed sheet. Your Transonic Similarity paper is being published in the October 1947 issue of the Journal of Mathematics and Physics. We are due to receive 200 reprints in about 3 weeks. Did I mention previously that the Technion Yearbook has also come through? Your paper on sand ripples appears to be the only original scientific contribution in it. Dr. Giffirin, by the way, is after you again. He called the other day and wants to be informed the instant you return. I think it is in connection with the proposed aerodynamic set-up at Hebrew Institute of Technology. In spite of Dr. C., I hope you will return soon.

I have obtained some simple explicit expressions for (Equation) and for (Equation) in the lower (free stream subsonic) transonic region by the integral equation approach (analogous to your integral methods for the boundary layer). Harry Moses is trying for similar results by the differential equation approach. We are both hampered in time by the necessity of teaching elementary physics labs. Harry is also studying for his Ph.D. qualifying exams in January. I passed mine, by the way, though not brilliantly, I am afraid.

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"On the detached shock problem, I am stopped at the moment by the question of the nature of the singularity of the stream function (Equation) at infinity in the physical plane, or as (Equation). Is there a discussion of this question for conventional supersonic flow somewhere? I am trying to obtain some information by the integral method (and incidentally to obtain explicit similarity expressions in the upper transonic region).

"Doctor, if you will inform me of your time of arrival and arrangements to be made, etc., I shall know when to meet you at the airport, etc.

"Sincerely yours,

/s/ "Bill  
"William Perl

"P.S. No recent news here about S & P. I hope the Stability and Control paper has worked out all right."

\* \* \*

(A)

"Box 59 Pupin  
Columbia University  
N. Y. 27, N.Y.

"Dear Doctor,

"Mr. Cardwell called the other day. Don't know how urgent this situation is but didn't sound too much so.

"Enclosed is a letter from E. W. Robischon.

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"The other day Professor Rabi expressed a slight degree of mystification as to your plans with respect to Columbia Univ.

"I hope you have by now received the fur coat and lining of your military coat.

"I have derived your similarity condition for the slightly supersonic free stream condition, without reference to detachment of an oblique shock. The lower limiting value of ( Equation ) turns out to be the same as you derived at point of detaching of an oblique shock. There is a possibility that I shall be able to calculate velocity distributions on a finite airfoil right through sonic speed with supersonic regions as indicated

(Equation) (Equation) (Equation) (Equation) (Equation)

"Yours,

/s/ "Bill"

\* \* \*

"Dec. 10, 1947

(A)

"Dear Doctor,

"Enclosed are 10 reprints of your similarity paper. You will note the omitted first line on p. 188, which I believe is the printer's fault.

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"Enclosed are some of the papers to be presented at the Fluid Dynamics Session of the Am. Phys. Soc. meeting on Jan. 29. The one by myself is what I wrote to you about a while back. I hope it is not too trivial for such a gathering. I think it possible to calculate velocity distributions for a biconvex profile right through the entire transonic region by the integral method. Am working on the small perturbation (similarity) case first. I thought I'd broach the idea of an NACA financial support to Dr. Dryden at the meeting, to see me through this problem.

"I received your Christmas card. If it was calculated to produce twinges of conscience it succeeded. Is there something I can do specifically over there? As a matter of fact I should like to work abroad for more or less selfish reasons anyway. Say the word, Doctor, and I shall join you immediately or go wherever you say. (u)

"There is a large pile of mail here for you but nothing, I believe, that can't wait until your return. Will write the news of the Institute and Phys. Soc. meetings soon.

"Best regards to Pipa.

"Sincerely,

/s/ "Bill"

\* \* \*

(A)

"65 Morton Street  
New York 14, N.Y.  
Feb 6, 1948

"Dear Doctor,

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"You are really famous, Doctor. There is (what I believe to be) a swindler operating here using you as a reference. He claimed to be referred to you by a Mr. Dietrich at Allgemeine Elektrizitat in Berlin and in need of money. He got some money from me before I began to realize he was fake, and also got some money from the girls at Bechtel (where he went originally). I reported the matter to the police. I hope I've not behaved too stupidly in this matter.

"Yours,

/s/ "Bill

"P.S. Guderley seems to know all about the problem of detached shock on a wedge."

\* \* \*

(A)

"Bx 88 Pupin  
Columbia University  
N.Y. 27, N.Y.

"Dear Doctor, .

"Mrs. RODDENBERG wrote that you should not be expected back before Feb. 15. I informed the Columbia Physics Dept. of this and they amended the notice of your course to the effect that the first two sessions (Feb. 2 and 9) would not meet.

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"I was terribly sorry to hear of Pipa's illness from Dean Pegram. I trust by now she is well on the road to complete recovery. Is there anything I can do to help?

"Not much news about the distitute and Phip. Soc. meetings. My talk aroused quite a little discussion so either it was very good or very bad. I also had the 'satisfaction' of pointing out that at an Institution meeting, that a long supersonic calculation based on the wave equation had probably been applied too close to the transonic range, for it tended to violate the costerian for the Ackeret range

(Equation)

"This quantity was about .3 in this particular calculation.

"The new semester is beginning at Columbia which means that I must teach first year physics labs. instead of calculating flow patters in the transonic range. However I do have one or two interesting results to show you. For example, here is a formula for the velocity on an airfoil in the lower transonic retime in continuous potential flow:

(Equation)

"where

(Equation)

"Written in similarity form (1) becomes,

(Equation)

"p(x) is a parameter ranging between 1 and 2 which can be chosen to give a known local velocity at the airfoil at one particular Mach number a-

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"Kaplan has just rushed into print (NACAEN) with an unoriginal derivation of the transonic similarity laws. He has the additional result that if the local Mach number  $M$  is unity at a point on an airfoil in the transonic range, it remains unity at the same chordwise location for similarity changes in (Equation) and (Equation). (This is a special case of the fact that

(Equation)

in the transonic range, as is evident from the small perturbation form for (Equation) and the basic result (Equation)

"Well, shall I drop in on you to talk these things over?

"Your devoted servant,

"Bill"

\* \* \*

(A)

"Box 88, Pupin  
Columbia University  
NY 27, N.Y.  
Mar. 18, 1948

"Dear Mrs. Roddenberg,

"Can you give me any information as to Dr. von Karman's present whereabouts? I understand, though not directly, that he really intended to return at about this time.

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"I should appreciate any help you can render on this matter.

"Sincerely yours,

/s/ "William Perl

\* \* \*

"23 March 1948

(A)

"Mr. William Perl  
Box 88, Pupin Building  
Columbia University  
New York 23, New York

"Dear Mr. Perl:

"I am very sorry for not writing you before this. However, as Dr. Von Karman arrived in New York upon his return from Europe, I thought maybe he had contacted you. I find that he did not have time, as he arrived late and came directly to Washington the next morning.

"For your information, Doctor's itinerary is as follows:

"Departs Washington, DC - 25 March - for Albuquerque, New Mexico. He will go directly to the Lovelace Foundation for a complete physical check-up, and will be there 25, 26 and 27 March.



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"He then proceeds to Pasadena for approximately two weeks and returns to Washington, D.C on 5 April. He will be in DC for a few days and then leave for New York.

"Doctor asks that you send him your telephone number. Write him at California Institute of Technology. Upon receipt of your letter he will telephone you at the place and time you suggest.

"Sincerely yours,

"MARIE D. RODDENBERY  
Administrative Assistant  
Scientific Advisor Board

"P.S. You also will wish to know that Doctor is planning to return to Europe the latter part of April. Miss DeKarama has been ill and did not return with Doctor, per her Physician's orders."

\* \* \*

"31 March 1948

(A)

"Mr. William Perl  
Box 58, Pupin Building  
Columbia University  
New York 27, New York

"Dear Mr. Perl:

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"I have received a request from Professor Joseph Kaplan, a member of our Scientific Advisory Board, for a copy of a paper by Dr. Von Karman given as a lecture at Columbia University on Aero-Thermodynamics. Do you know of it?

"If there is a copy available, would you please forward it to Professor Kaplan at the address below. If there is a charge for it, or if it must be purchased from a book store, would you make arrangements for a copy and bill for the costs to be sent to Professor Kaplan. Thank you.

"Sincerely yours,

"MARIE D. RODDENBERY  
Administrative Assistant  
Scientific Advisory Board

"P.S.

"We have had no word from Dr. Von Karman since he left Washington, D.C. on 23 March.

"Professor Joseph Kaplan  
Director, Institute of Geophysics  
University of California  
Los Angeles, California"

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(A)

"DR. THEODORE VON KARMAN

"May 5, 1948

"Marie D. Roddenbery  
Af MRS-1  
Headquarters United states Air Force  
Washington 25, D.C.

"Dear Mrs. Roddenbery,

"At the request of Dr. von Karman I am sending you under separate cover a batch of Air Material Command - Engineering Division, Weekly Information Reports together with a series of Ballistics Research Laboratory Progress Reports. Doctor would appreciate if you could request these sources to send future material for him to you. He has stated that he would be back in New York the latter part of June to wind up the Columbia Office.

"Very truly yours,

/s/ "William Perl

\* \* \*

NY 65-15387

(A)

(Undated)

"Dear Doctor,

"I thought just before sending this off that it might be simplest with regard to license plates for the car if Pipa should sign the enclosed application blank in the various places marked X and send it to me in the enclosed envelope. I could fill out the rest of it here. Thank you very much.

"By the way Dr. Pokens calls occasionally. I believe he would like a closer contact with you than I offer.

"Yours,

/S/

Bill"

\* \* \*

(A)

"Box 88 Pupin  
Columbia University  
N Y 27 N Y.  
May 21, 1948

"Dear Doctor,

"Enclosed is some mail for you. I am at present being subject to the indignity of final examinations, hence I have not been able to do anything with transonic similarity for bodies of revolution. I hope to have something when you return in June.

"I am having trouble getting license plates for your car. It seems that the owner (your sister) or someone with power of attorney must sign the application. Lillian has informed me that Mr. Andrew Haley has power of attorney, so I am writing to him for aid. I am also writing to Mr. Bohan as to the status of the possible insurance on the car.

"When you wish me to be in New York to help wind



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it and doesn't believe in it anyway. So now I must look around for a research problem involving statistical mechanics to prove to Rabi that I know something about it. Does turbulence offer such an opportunity?

"Best regards to Pipa.

"As over,

/S/

"Bill

"P.S. I wrote to Mr. Bechan about obtaining license plates for the Plymouth. Mr. Haley cannot.

"I have also written to, and heard from, Prof. Bürgers about my going there to study. However I wish to talk the whole thing over with you before committing myself finally."

\* \* \*

(A)

"NACA Flight Propulsion Research  
Laboratory  
Cleveland Airport  
Cleveland, Ohio  
July 14, 1948

"Dear Doctor,

"Having heard through devious means that you might be on the West Coast, I am hoping that the enclosed rough draft of the paper I have been working on will reach you. I shall do nothing more with it until and unless you tell me what to do with it.

"I was in New York at the beginning of July looking for you but I am not so fortunate as Dr. Sidney (Livingston) Goldstein. Would it be convenient for you to have me meet you somewhere? Anytime, anyplace, so far as I am concerned. I should be very happy to see you.

"As indicated by the above address I am now residing in Cleveland.

"Sincerely yours,

/S/

Bill Porl"

(u)

NY 65-15387

(A)

"NACA - LEPL  
Cleve. 11, O.  
Jan. 3, 1949

"Dear Doctor,

"I have finally finished the notes of your lecture on turbulence. They are now being duplicated for the internal use of the NACA (by way of a report on my trip as NACA representative). I shall send you a copy as soon as it is ready, for decision as to what further action you wish me to take with it. I have already received some outside requests, via Columbia, for the notes but will do nothing about it until I hear further from you.

"Needless to say I shall shortly also need a decision from you on my transonic thesis. We are making some further calculations here on bodies of revolution. At the moment I am trying to check Busemann's similarity rule for the maximum cone vertex angle for shock attachment which is the same as your general rule for bodies of revolution (Busemann, 'Conical Supersonic Flow with Axial Symmetry' Luftfahrtforschung, Vol. 19, No. 4, 6/5/42, pp. 137-144). This upsets my previous suspicion that your rule was incorrect.

"Best regards to Pipa.

"Sincerely yours,

/s/

"Bill Perl"

MWC:ATM

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NY 65-15337

(A)

"NACA LFPL  
Cleve. Airport Cleve 11  
Jan. 14, 1949

"Dear Doctor,

"Enclosed are the notes of your turbulence lectures. The relation of the double correlation transform (equation) to the transforms of the velocity components (equation) is not entirely clear to me. I think simultaneous averaging with respect to both space and time is required, rather than either one or the other."

"I shall regard the notes as a report o NACA until you and NACA decide what to do further about them, if anything. I shall be in N.Y. the last week in January. Is there anything you want me to do for you at Columbia?"

"Sincerely,

/S/

"Bill

"Best regards to Pipa."



NY 65-15387

"January 26, 1949

(A)

"Mr. William Perl  
National Advisory Committee for Aeronautics  
Jet Propulsion Laboratory  
Cleveland 11, Ohio

"Dear Bill:

"I thank you very much for the note on turbulence. I intend to go East on February 13th to attend the meeting in Aberdeen. I am meeting Dryden and will talk over the question of the NACA report on the status of turbulence theory.

"In the meantime, another possibility appeared to bring you to Pasadena for a few months. Frank ~~Wattendorf~~ wants to renew the question of a large transonic tunnel, for the AEDC and wants to put up the question to me in the way of the Sverdrup contract. I told him and General Sverdrup that I can do this only if they send you here. I shall write you if I hear any further developments.

"Very cordially yours,

"Tvk:cw"

\* \* \*

"16802 Larchwood Ave.  
Cleveland 11, Ohio  
Feb. 6, 1949

(A)

"Dear Doctor,

"You will shortly be getting a few more copies of the Turbulence Lecture notes, completed by a bibliography and some figures. Also a collection of recent turbulence literature is being prepared and will be sent you soon.

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"I shall be happy to come to you in Pasadena, even if this requires work on the large transonic tunnel question. I have not been working on turbulence recently, however, but on transonic similarity for bodies of revolution. An interesting result has been obtained: By a Rayleigh-Janzen type procedure applied to the axially symmetric transonic differential equation, and satisfying the boundary conditions exactly at each step, the following expression for the velocity increment or pressure coefficient on the body is obtained (Equation) where (Equation) are functions of chordwise location of order unity. In the flow field however, the following expression for the velocity increment is obtained (Equation) where (Equation) are functions of (Equation)

"Thus on the body we get similarity differing from yours but in the flow field similarity identical with yours. I think this latter identification follows from the fact that the boundary problem you actually solved is that for points away from the axis but not for points close to the axis.

"Hoping to hear from you soon, I remain

"Very cordially yours,  
/s/ Bill

"Best regards to ~~Pipca~~. Does she miss the cosmopolitan atmosphere of New York?"

\* \* \*

"16802 Larchwood Ave.  
Cleve. 11, Ohio  
Mar 18, 1949

(A) .

"Dr. Theodore von Karman  
Pasadena, Calif.

"Dear Doctor,

"Having heard that you will be going to Europe in the early part of April, I presume that the possibility of my consulting with you in Pasadena on AEDC is off. Would it be

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"possible to see you in the East before you leave? If this is inconvenient might I have your mailing address in Europe?

"I hope to be able to send you a revised version of my proposed thesis soon. I thought I would submit it simultaneously to Columbia University. The question of a degree must, I feel, be resolved soon one way or another. It is definitely interfering with such scientific work as I might otherwise do.

"Sincerely yours,  
/s/ Bill

"Best regards to your sister."

\* \* \*

"NACA - Lewis Flight  
Propulsion Laboratory,  
Cleveland Airport,  
Cleveland 11, Ohio

(A)

"Professor Theodore von Karman,  
Guggenheim Aeronautical Laboratory,  
California Institute of Technology,  
Pasadena, California.

"Dear Docotr:

"I have revised my thesis somewhat and in particular have incorporated your suggestion that the form of the-curvature function is fixed a priori by your affine transformations in the transonic range. A copy of this revised version is on its way to you through Dr. Liepmann (because of the possibility that you may be out of town). Your further comments and suggestions are much desired and would be greatly appreciated. The paper will, I think, be published by NACA.

"I am starting to dabble in nuclear and solid state physics.

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"Best wishes and season's greetings to yourself and Pip8.

"Sincerely yours,  
/s/ Bill Perl  
Bill Perl.

"WP:aw"

\* \* \*

"THEODORE VON KARMAN  
1501 South Marongo Ave.  
Pasadena, California  
12 April 1949

(A)

"Mr. William Perl  
16802 Larchwood Avenue  
Cleveland 11, Ohio

"Dear Bill:

"I intend to spend only three days in New York, the 14th, 15th and 16th of April, before leaving for Europe. I am overloaded with commitments and appointments and do not feel that I should take the responsibility of inviting you to New York, although I would like to see you.

"My address in Paris will again be the Hotel California. I expect to return to the United States in September.

"Cordially yours,

THEODORE VON KARMAN"

NY 65-15387

(A)

"16802 Larchwood Ave.  
Cleveland 11, Ohio  
Nov 4, 1949.

"Dear Doctor,

"Please forgive my not writing sooner, as I have been doing nothing but preparing to take examinations for the past several months. I have now passed the final written doctorate examinations at Columbia and there remains the oral examination (defense of the dissertation) which I hope to take about the end of this month. I have become a real expert at taking examinations.

"As for aerodynamics, I am winding up some transonic studies (integral method applications, bodies of revolution, etc.). Incidentally Dr. ~~Chi-Teh Wang~~ at NYU seems to be checking some of the conclusions in my thesis by his variational method (the potential limit idea).

"It appears that I may be called upon to do atomic physics at this laboratory next, in connection with the effect of radiation on materials program. (What is applied mechanics coming to?).

"I am most grateful to you for the opportunity to have done a thesis under you. If there is any way in which I can be of assistance to you, please let me know. By the way, enclosed is a check for \$45, which as nearly as I can recall is what was left of the sum of \$100 you originally left with me for office expenses.

"Best regards to your sister.

"Yours sincerely,

/S/ BILL

NY 65-15387

"P. S. I believe the combination of the safe at Columbia is written down on a sheet of paper which is in and on top of the things in the filing cabinet. The key to the filing cabinet should be in the middle drawer of the desk you occupied at Columbia. A record of the safe and its combination is also in possession of the Army Property Office in New York. (I think I have forgotten the combination). "

"B."

\* \* \*

NY 65-15387

V. WILLIAM PERL, SUSPECT FOR UNKNOWN  
CONSULTANT AT ASWAN DAM

DAVID GREENGLASS, self-confessed Soviet espionage agent, stated that his brother-in-law, JULIUS ROSENBERG, told him that one of his "contacts" was an engineer who flew to Egypt as a \$200-a-day consultant on an Egyptian dam project. JULIUS ROSENBERG and his wife, ETHEL, sister of DAVID GREENGLASS were convicted on March 29, 1951, of conspiracy to commit espionage and were sentenced to death on April 5, 1951, in the United States District Court for the Southern District of New York by the Honorable IRVING R. KAUFMAN.

GREENGLASS stated that in the spring of 1948 he had met JULIUS ROSENBERG and asked him for some money. ROSENBERG advised that he was short of money at the time but that he had a friend who had flown to Egypt "sometime ago" as a consulting engineer on a dam at \$200 per day, and that he would be able to borrow some money from that person. An investigation was commenced on the basis of this information from DAVID GREENGLASS to establish the identity of the unknown consultant.

Major General WILLIAM N. POSTER, United States Army (Ret.) is President of the Chemical Construction Corporation of 488 Madison Avenue, New York City. He advised that his company had submitted a scheme for the electrification of the Aswan Dam. (u)

Mr. RAYMOND LAPEAN is Executive Vice President of the Chemical Construction Corporation and was President of the Hugh L. Cooper Company, Incorporated. Mr. LAPEAN advised that the Hugh L. Cooper Company, Incorporated, and the Chemical Construction Corporation had jointly submitted a scheme for the electrification of the Aswan Dam. The scheme was the product of the Hugh L. Cooper Company and called for the use of rectangular penstocks. A commission that was advising the Egyptian Government raised some questions towards the use of rectangular penstocks in the scheme of the Hugh L. Cooper Company.

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Mr. LAPLAN advised that the questions raised by the Egyptian Government were most important to the acceptance of the scheme of Hugh L. Cooper and Company, Inc., since if the rectangular penstocks were proven impractical, the scheme of the Hugh L. Cooper and Company, Inc. would fail. He stated that the problems raised were of such a nature as to be outside of the usual research work done by the engineers of his office. He advised that the problems devised questions of hydrodynamics and aerodynamics.

Mr. EDWARD ROBERTS, an Executive Vice President of the Chemical Construction Corp., recommended Dr. THEODORE VON KARMAN as an outstanding authority in the field of hydrodynamics and aerodynamics to be retained as a consultant on the problems raised by the Egyptian Government.

Mr. LAPLAN produced the records of the Chemical Construction Corp. and the Hugh L. Cooper Co., which reflect that Dr. VON KARMAN made a study of the problems and eventually proved that the penstocks in the Cooper scheme would perform as intended. He stated that VON KARMAN laid down the solution of the problem and that much of the work was performed by one of his assistants, a man named Mr. PERL.

On July 8, 1947 PERL wrote a letter to the Hugh L. Cooper and Co., enclosing his report entitled "Preliminary Analysis of Water - Hammer in Proposed Aswan Dam Penstock System." PERL described himself in this letter as technical assistant to Dr. THEODORE VON KARMAN.

The records of the Chemical Construction Co. and the Hugh L. Cooper Co. reflect that VON KARMAN was paid the sum of \$4,800.00 for his services and that PERL was paid the sum of \$152.40 for his services and expenses. PERL was paid at the rate of \$4.00 per hour. (u)

Confidential Informant T2-A, of known reliability, made available photostatic copies of the ledger sheets of the account of Dr. THEODORE VON KARMAN at the Park Avenue Branch of the Chase National Bank. An examination of this account reflects that a check in the sum of \$700.58 was charged to VON KARMAN'S account on July 7, 1947.



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Confidential Informant T-2B, of known reliability, made available the special checking account of WILLIAM PERL of 938 Tiffany Street, Bronx, New York, maintained in the Corn Exchange Bank Trust Company, Sheridan Square, New York City. A review of this account reflects that a deposit in the sum of \$700.58 was credited to this account on July 3, 1947. This deposit was in the form of a check which had been drawn on the Chase National Bank of New York City. It is likely that this check represents a payment made to PERL by VON KARMAN for services rendered by PERL in assisting VON KARMAN in his computations on the practicability of the rectangular poustocks for the Chemical Construction Corp.

It is likely that PERL performed services for VON KARMAN over and above those for which he received the sum of \$152.40. It has been established that the Chemical Construction Corp. and the Hugh L. Cooper Co. are the American firms which were primarily interested in the hydro-electrification scheme for the Aswan Dam. It appears likely that the "contact" of ROSENBERG, who was a consultant on this Dam, was a person who had been retained by those companies. Since both VON KARMAN and PERL acted as consultants in this regard, it appears that one of these two individuals is a logical suspect for the unknown consultant.

DAVID GREENGLASS was reinterviewed at Northeastern Penitentiary at Lewisburg, Pennsylvania on May 1, 1952 and May 2, 1952, by SAS John A. Harrington and James Wood. DAVID recalled that in the latter half of March 1948 he and JULIUS ROSENBERG had lunch at his mother's house at 64 Sheriff Street, New York City. While returning to the Pitt Machine Products, Incorporated, where they worked, DAVID asked JULIUS for some money. JULIUS told him that he had borrowed a large sum of money from a friend and he hesitated to again ask for money. DAVID asked him how he could obtain credit since he had no resources. JULIUS told DAVID that his friend made a good

(u)

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salary at his regular government job and was also a consultant. JULIUS explained that this man did not worry about money because he could always pick up money on the side as a consultant. He told DAVID that this consultant "just recently came back from flying to Egypt on a Dam project where he made \$200 a day and expenses." JULIUS said that he did not know this consultant from City College and that DAVID did not know him from Polytech. He told DAVID that he met this consultant "from the federation", apparently referring to the FAECT.

DAVID asked JULIUS "how can he be a consultant and work for the government at the same time," and JULIUS replied "that he (the consultant) got leave to do the consulting job." DAVID asked JULIUS what the consultant had done during the war and JULIUS replied that it was immaterial.

DAVID advised that at no time had ROSENBERG told him that his friend was an engineer but that he, DAVID, believed this to be a fact since he considered a man working on a dam to be a civil engineer.

Thereafter, JULIUS gave DAVID three \$20 bills and a week or so later gave him two \$20 bills.

When ROSENBERG gave DAVID the first money, DAVID asked "you were able to get the money from your friend?" JULIUS replied "that this consultant friend agreed to tide me over until I make contact again with the Russians." DAVID stated that it was his recollection that JULIUS was out of contact with his Russian superiors on two occasions - in the spring of 1948 and again in the spring of 1949, during the time that JUDITH COPLON had been arrested. DAVID advised that he told his brother BERNARD that ROSENBERG had money and suggested that BERNARD also ask JULIUS for a loan. (U)

It is noted that DAVID stated that he fixes the time when JULIUS first gave him money that JULIUS had borrowed from his consultant friend by fixing the time when his wife RUTH was injured and when his insurance bill and income tax

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payments were due. He stated that it was his recollection that those three events occurred in 1948, but stated it could also be 1949, and that his wife RUTH would be in a position to clarify the foregoing because it was she, who was injured. DAVID stated that he had the impression that the friend of JULIUS ROSENBERG was older than himself and probably around JULIUS' age or slightly older. He is certain that JULIUS never told him what kind of work for the government this friend was engaged in.

BERNARD GREENGLASS was reinterviewed on July 16, 1952. He recalled that DAVID had mentioned to him that he had borrowed some money from JULIUS ROSENBERG and suggested that he, BERNARD, also ask JULIUS for money. BERNARD recalled that when he asked JULIUS for some money JULIUS told him that he had borrowed money from his consultant friend and that he again asked him for money and his consultant friend had requested that JULIUS repay to him money he had previously borrowed. JULIUS told BERNARD that he would ask him for some money because in his consultant work he could make a hundred dollars in a few days or so. BERNARD recalled that this consultant worked for the government but had no idea in what branch. He stated that on one occasion JULIUS told him that his consultant friend did not need the money that JULIUS had borrowed from him, and that he could wait until JULIUS repaid it.

BERNARD stated that it was his impression that this individual, friend of JULIUS, was single and probably a friend of his from school. BERNARD was questioned as to whether JULIUS ever indicated to him the position in the engineering world that this consultant held. BERNARD stated that it was his impression that the consultant friend was an engineer but not of any exceptional ability. He stated that if this individual had been a widely known engineer he is certain that JULIUS would have told him. Therefore, he stated that from the "light way" that JULIUS referred to the consultant friend when he told about him asking for a repayment of the money he had loaned JULIUS it was his impression that JULIUS treated him in an offhand manner.

(u)

BARNARD recalled that in the late winter and spring of 1949 business in the Pitt Machine Products, Inc., was very slow and there was very little money coming into the shop. Consequently, he believes that he first heard about this consultant friend in the late winter and spring of 1949. He further recalled that on March 7, 1949 his father died and that JULIUS loaned him the money to pay for the burial plot. He believed that this money was secured by JULIUS from his consultant friend.

RUTH GERTINGGLASS, wife of DAVID, stated that she first heard about the consultant friend in 1949. She recalls that on or about February 26, 1949, she had an accident and cut her leg and required considerable medical attention. She recalled DAVID telling her about a friend of JULIUS, who loaned the latter money, and suggesting that DAVID try and borrow some money from JULIUS through this friend. She recalled that around the time that she was injured JULIUS gave DAVID \$60.00. She also recalled that when DAVID'S father died on March 7, 1949, JULIUS laid out the money for the burial plot, paying the shares of both BARNARD, DAVID and himself. She recalls that DAVID told her that JULIUS told him in private that the money that JULIUS had advanced for the grave was not a loan since theirs was a "different relationship" and that JULIUS had a friend who had staked him. This friend was a consultant for a dam project in Egypt and earned a lot of money. He was also employed by the government and because of the extra money he made as a consultant he did not miss the money he gave to JULIUS. (U)

RUTH advised that it was her impression that this friend of JULIUS was single and it was her impression that he was paid on an hourly basis, probably four or five dollars an hour. She stated that figuring \$5.00 an hour as a basis on a forty hour week meant that this consultant would earn about \$200.00 a week, besides his government salary. She stated that she is positive now that DAVID never told her that this consultant made \$200.00 a day because she is certain that such a large amount would have impressed her and she certainly would have been more curious about the individual.

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She does recall DAVID telling her that JULIUS' friend had been a consultant on a dam in Egypt but she could not now recall that DAVID told her that this friend had flown to Egypt.

She stated that it is her impression that this consultant must have been single and around JULIUS' age and must have been very friendly with JULIUS. She stated she gathered this impression because she is sure that if the man was married his responsibilities would prevent him from giving money to JULIUS, and further that only a close friend of JULIUS would lend him money. She further believes that this man was a contact of JULIUS and was either working with him or was aware of his espionage activities. She also stated that this friend was not a Russian who paid JULIUS since JULIUS would never refer to him in the manner in which he did. She stated that when JULIUS referred to his Russian friends there could be no mistake about it. She agreed that DAVID was mixed up as to the year 1948 and was certain that if he was advised that her injury took place in 1949 he would more clearly recall the incident concerning the unknown consultant.

She also stated that it was her opinion that if this unknown consultant was an individual of world-wide repute that JULIUS would somehow have indicated this fact to her. She states that DAVID is apparently confused about the sum of \$200 a day and believes that it is the result of his discussion with her of the probable amounts that this unknown friend received for his consulting work. She stated that when DAVID first told her about him she mentally figured about how much the man would earn. She recalls calculating that the man made four to five dollars an hour and on the basis of a forty-hour week would probably make \$200.00 a week. She distinctly recalls that figuring on the basis of \$200 a week the man would make approximately \$10,000.00 a year. (u)

She further stated that she could not recall that DAVID told her that the man flew to Egypt on his job. She recalls that JULIUS never told DAVID where this man lived but it is her recollection that he told DAVID on one occasion that the man happened to be in New York.

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VI. INFORMATION FROM SELECTIVE SERVICE FILE

Mrs. ORVILLE S. MASTEN, Chief of Records Section, Virginia State Selective Service Headquarters, 1308 East Franklin, Richmond, Virginia, made available to the Richmond Office for review the Selective Service file of WILLIAM MUTTERPERL. Certified photostatic copies of the entire file were made and forwarded to the New York Office by registered mail.

The following is a summary of information contained in this file, the original of which is located at the above address and certified photostatic copies of which are maintained in the New York file of this case:

1940

According to his Registration Card, the subject as WILLIAM (no middle name) MUTTERPERL, 197 Molrose Avenue, Hampton (Elizabeth City County) Virginia, registered under the Selective Training and Service Act of 1940, on October 16, 1940, at Hampton, Virginia. He was assigned Serial Number 809, Order No. 115.

He indicated he was born October 1, 1918 at New York City, and that the person who would always know his address was Mrs. SARAH MUTTERPERL, his mother, who resided at 834 Beck Street, New York City. He further indicated he was employed at that time at the National Advisory Committee for Aeronautics (NACA), Langley Field, Virginia.

On November 19, 1940, subject executed a Selective Service Questionnaire in which he recited his home address was 197 Molrose Avenue, Hampton, telephone number 3780. Under the heading "Physical Condition" he stated he had no physical or mental defects. Under "Education" he listed eight years elementary school, four years high school, and five years at the College of the City of New York, where he studied Electrical Engineering.

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The form showed that he was then employed as a research engineer in aerodynamics and electrical engineering, which work he had done for one and one half years at an average weekly salary of \$43.00. His employer was the NACA.

Under the heading of "Dependency" subject listed his brother, SAMUEL B. MUTTERPERL, 834 Beck Street, New York City, then seventeen years of age, to whose support he contributed \$500.00 per annum. He stated that his brother was then living at his legal residence and attended the College of the City of New York and that the money that he, subject, was providing, was probably the total cost of his brother's support to his parents.

Subject indicated that he was earning \$2,200.00 per annum.

He listed his landlord as Mr. H. S. CURTIS, 197 Melrose Avenue, Hampton, Virginia.

Subject stated that he had never been convicted of treason or a felony.

On November 26, 1940, subject was classified in a deferred 2A status, by the local board of Hampton City, Hampton, Virginia.

On December 17, 1940, subject was reclassified to I (eligible for induction) and was so notified by the Board.

By letter dated December 20, 1940, the subject advised the local board that he desired to appeal from his classification "I" for the reason that he was paying his brother's living and school expenses, which he had been doing from the time he began to earn money. Subject indicated that his brother, SAMUEL, was then a sophomore, studying electrical

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engineering at the College of the City of New York and that without his, subject's, assistance his brother could not continue school.

The above letter was followed by an Affidavit of Dependent, executed under oath by SAMUEL MUTTERPERL on December 29, 1940. This form indicated SAMUEL was residing at 834 Beck Street, New York City, and that the subject was wholly supporting him for the past year and a half. It was noted subject contributed \$800.00 during the past twelve months, and that SAMUEL was unemployed except for his college work. SAMUEL indicated that he was living with his family at their home address and that the family also depended on subject's income.

On December 31, 1940, the local board reviewed the above request for reclassification on account of dependency which was refused and the subject duly notified.

1941

On January 6, 1941, subject made written application to appear in person before the local board concerning his classification. A notation on the local board copy of this letter indicated that subject was to appear at 10:30 am, January 7, 1941.

Also contained in this file is a letter dated January 9, 1941, from J. M. SCHWARSBRAM, MD, Hunts Point Professional Building, 1018 East 163rd Street, New York City, which was addressed "To whom it may concern". This letter certified that BESSIE MUTTERPERL (subject's deceased sister) had been suffering from dementia praecox for the past few years. The patient's condition was said to be getting progressively worse and that she was unable to do any mental or physical work.

On January 19, 1941, subject's father, ABRAHAM MUTTERPERL, executed under oath an affidavit on the letterhead of the Bakery and Confectionery Workers International Union



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of America. This affidavit recited that subject gave to his father approximately \$500.00 a year toward his support for food, rent and other needs. The father said that he earned an average of \$1,400.00 per year with which it was necessary for him to support himself, his wife and four children, all of whom were unemployed. He indicated that the reduction of his income of \$500.00 from subject by his induction into the Army would mean a drastic lowering of his living conditions. The affidavit requested the board's consideration for reclassification of the subject into a deferred status.

By letter dated January 12, 1941, addressed to the local board, the subject enclosed a statement to the appeal board and supporting evidence with regard to his family's dependency upon his income.

This statement, executed at 197 Melrose Avenue, Hampton, Virginia on January 12, 1941, requested reconsideration of his eligibility classification from I to III (family dependency). He indicated that his father earned \$1,400.00 a year and that he contributed \$500.00 a year. (u)

He stated his brother, who was then 18 years of age, was living at home and attending the free College of the City of New York. He stated his sister, age 25, was mentally incapable of working another sister, age 27, had recently lost her job on account of a mental breakdown.

Attached to this statement of the subject, was an affidavit executed by one BERNARD I. KAMEN, a member of the firm of Kamen and Ostertag, Attorneys, with offices at 341 Madison Avenue, New York City. The affiant stated that he had for some months past represented SADIE MUTTERPERL, 834 Beek Street, Bronx, New York, the sister of the subject. He was retained to represent her in a matter of presenting a defense against charges seeking to dismiss her from her post as transcribing typist at the Department of Welfare. Her case was then pending before an appellate tribunal of the Department and on October 15, 1940, she submitted her resignation in writing.

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The reason for the resignation, according to the affidavit, was that she became unable to hold her job because her mind was affected and that in or about November, 1940, she was taken to Bellevue Hospital, City of New York, and was from there removed to Manhattan State Hospital, Wards Island, New York City, an institution for mental diseases, where she was confined at the date of the affidavit. The affiant stated she was in no position to support or contribute to the support of her parents.

On January 13, 1941, Mr. H. J. E. REID, Engineer in Charge, National Advisory Committee for Aeronautics, Langley Field, Virginia, executed, under oath, in favor of the subject a claim for deferred classification. This form recited that relation of the NACA to the national defense in time of war, had, upon recommendations of the Secretaries of War and Navy, approved by the President, been defined as the same as that of an "essential industry". He stated that the services of WILLIAM MUTTERPERL were necessary to the national defense work in progress at that laboratory.

On January 20, 1941, a 2A deferred classification was awarded to the subject by action of his appeal board, in view of his employment at the NACA. This deferment was noted to terminate on July 20, 1941.

On November 10, 1941, Mr. W. KEMBLE JOHNSON, Acting Administrative Officer, NACA, directed a letter to the local board in which he stated that the subject was then employed as an Assistant Electrical Engineer in the Aerodynamics Division where he was engaged in handling work in connection with problems relating to the cooling of aircraft engines at very high altitudes. This work was said to be essential to the development of the newer types of fighting airplanes.

The letter stated that in view of the difficulty which NACA was experiencing in obtaining qualified research personnel, consideration be given to the deferment of the subject for the maximum period allowable.

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On November 21, 1941, NACA, by W. KEMBLE JOHNSON, submitted, under oath, an affidavit to support claim for occupational deferment in favor of the subject, in which it was stated that the NACA was a federal agency organized to supervise and direct scientific study of the problems of flight with a view to their practical solution and to direct and conduct research and experiments in aeronautics. Also to coordinate the research needs of aviation, civil and military, and to prepare programs of research in the various branches of science effected.

It was indicated the subject was then employed in the Aerodynamics Division where he was engaged in analytical work in connection with problems related to the cooling of aircraft engines at very high altitudes; that there were ten employees in his section and that his loss would result in a serious handicap since only one person in fifty was capable of such work. (U)

1942

On June 17, 1942, H. J. E. REID, Acting for NACA, executed, under oath, another affidavit to support the claim for occupational deferment in favor of the subject. This form described the activities of the NACA in connection with the war effort and described the subject's duties at that time as follows:

Aerodynamic research on problems of aircraft cooling, including adaptation of fan and turbine machinery for use in aircraft. Theoretical analysis for optimum fan designs. Theoretical analysis of effect of propeller operation on airplane performance and electrical maintenance of full scale electrical equipment which is performed in connection with the development of more efficient aircraft.

At the date of this form, subject's pay was \$2,600.00 per annum in the position of Assistant Electrical Engineer. The form requested that subject be retained in a 2B deferred classification.

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On June 22, 1942, the board continued the subject in a deferred classification, 2A.

On June 27, 1942, the board received from subject, whose address was then 197 Melrose Avenue, Hampton, Virginia, an Occupation Questionnaire, which recited that he had been employed since April, 1939, by the NACA and then held the position of Assistant Electrical Engineer.

The duties of his job was research and consulting on aerodynamics and electrical problems. He noted that he was next best fitted to work as a mathematician on the solution of engineer and technical problems by mathematics and that he had one years experience in this type of work.

On September 7, 1942, NACA advised the board by letter that the subject had been promoted from Assistant Electrical Engineer to Associate Electrical Engineer with a salary of \$3,200.00 per annum effective September 1, 1942.

On October 26, 1942, subject was reclassified 2B-Deferred and was duly notified.

On November 16, 1942, WILLIAM A. MERY, Senior Administrative Assistant, NACA, Langely Field, executed under oath, an affidavit to support Claim for Occupational Deferment in favor of the subject. This form described the NACA as an agency of the Federal Government created by Congress to conduct, direct, control and coordinate national aeronautical research. It was stated that during wartime, the NACA was directly responsible to the Joint Army and Navy Aeronautical Board. The product of the organization was research data which enabled manufacturers to build superior combat aircraft.

Subject's position at the date of this form was Associate Electrical Engineer with an annual salary of \$3,840.00 per annum and his duties were described as follows:

Aerodynamic research on problems of aircraft cooling which included adaptation of fan and turbine machinery

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for use in aircraft. Theoretical analysis of effect of propeller operation on airplane performance and electrical maintenance of full scale tunnel electrical equipment.

It was stated subject was working on projects of extreme importance to the military services and his loss would result in the serious reduction of the effectiveness of these studies. A request for deferment in class 2B for the maximum period allowable was made.

1943

On April 1, 1943, WILLIAM A. AERY, Senior Administrative Assistant, NACA, executed under oath an affidavit--Occupational Classification (Industrial) in favor of the subject, in which it was stated that he was then employed as Associate Electrical Engineer at an average weekly rate of pay of \$74.00, including overtime.

His duties in this position were described on this form substantially the same as in the affidavit described last above.

On April 3, 1943, the board again classified the subject 2B-Deferred. (1)

By letter dated July 17, 1943, NACA advised the local board that the subject had been promoted as of July 16, 1943, from Associate Electrical Engineer to Aeronautical Engineer at an annual salary of \$3,800.00. The letter stated that MUTTERPERRI was still considered a "necessary" man in a critical occupation of war production activity for the Army and Navy.

On September 29, 1943, WILLIAM A. AERY, Senior Administrative Assistant, executed, under oath, an affidavit--Occupational Classification (Industrial) in favor of the subject, which described his duties as follows:

Aerodynamic research on problems of aircraft cooling.

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At the date of the above affidavit he was engaged in devising exact and practical methods of the direct and inverse potential problems of airfoil theory. It was stated that a general method of airfoil design had been developed and subject was then applying this method for the determination of the theoretical flow through fan and turbine blades. It was stated that when this investigation was completed the results would be made available in the form of technical papers, so they can be used for engineering design purposes.

On October 1, 1943, the local board continued the subject in class 2B-Deferred. (U)

On December 30, 1943, R. C. SESSIONS, Assistant to the Manager, Aircraft Engine Research Laboratory of the NACA, Cleveland Airport, Cleveland, Ohio, executed under oath, an additional affidavit for Occupational Classification, in which the board was advised that subject had been transferred from Langley Field, Virginia, to Cleveland, Ohio, on December 23, 1943.

He was engaged at the Cleveland facility as an Aeronautical Engineer with a professional classification, although his duties in that job were described in the previous affidavit submitted by NACA, Langley Field. At this time he was paid \$85.00 per week. The board again requested a deferred classification of 2B in favor of the subject.

1944

Under date of January 4, 1944, NACA, Langley Field, advised local board that subject had been transferred to Cleveland on the above date and that he was still considered a "necessary" man in a critical occupation.

It was noted that he had been classified 2B-Deferred until March 20, 1944.

By an undated letter, apparently written prior to March 20, 1944, Mr. EDWARD R. SHARP, Manager, NACA, Cleveland,

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Ohio, advised the Ohio State Selective Service Headquarters, Columbus, Ohio, that pursuant to a discussion held on February 28, 1944, NACA was withdrawing its requests for deferment as of March 20, 1944. It was stated that this withdrawal was being made in order that essential draft eligible employees of the NACA could be inducted into the armed services, assigned to the Army and placed on inactive status in the Army Air Corps Enlisted Reserve under the provisions of a plan developed by the War and Navy Departments and approved by the President.

This letter indicated that this plan was brought about by the necessity of continuing uninterrupted operations of the laboratory in its aeronautical developments for the Army and the Navy.

It was further stated that if at any time the War or Navy Department determined, because of exigencies of war or other reasons that these men should be called individually or in groups to active service, the Army would issue orders for them to report for active military duty. (U)

On March 23, 1944, subject, giving the address 16808 Madison Avenue, Cleveland, Ohio, made application to the local board at Hampton, Virginia, for a Transfer for Pre-Induction Physical Examination. This application was approved by Local Board No. 48, Cuyahoga County, Cleveland, Ohio, on March 29, 1944.

On March 31, 1944, the subject was classified 1A, Eligible for Induction.

On April 6, 1944, he was ordered to report for induction at 8:15 am on April 19, 1944.

On April 22, 1944, at the Armed Forces Induction Station, Cleveland, Ohio, subject underwent a physical examination which he passed. The report of his physical examination and induction indicated the above Madison Avenue address; that he was then employed as an Aeronautical Engineer at NACA, Cleveland, and that the person to be notified in case of emergency was his mother, Mrs. SARAH MUTTERPERL, 936 Tiffany Street, Bronx, New York. An alternate to be notified in case of emergency was

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ANN BLUM, his sister, who resided at 7923 Oceania Street, Bayside, Long Island.

He designated in order as beneficiaries his mother, SARAH MUTTERPERL at the above address and SAMUEL E. MUTTERPERL, a brother, who resided at the same address.

During the physical examination it was noted that subject had defective vision in his right eye and had fractured his left foot in 1942, but otherwise was in good health.

On April 26, 1944, subject was inducted into the United States Army and immediately transferred to the Air Corps Enlisted Reserve.

In connection with the above induction process, the above file contained, under date of March 23, 1944, an Application for Voluntary Induction executed by the subject. (4)

On May 6, 1944, the local board at Hampton, Virginia, re-classified the subject 1C, Inducted into the Armed Forces.



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VII. PROSECUTIVE ACTION

On May 20, 1952, WILLIAM PERL, through his co-counsel, RAYMOND L. WISE, 292 Madison Avenue, New York City, and FREDERICK J. WATERS, 170 Broadway, New York City, filed a notice that on May 26, 1952 they would move the court in the Southern District of New York for an order reducing the amount of bail required of the defendant in the sum of \$20,000 cash to the sum of \$5,000, and that the \$15,000 cash previously deposited by the defendant be returned to him.

On May 22, 1952, two affidavits in support of the above motion were filed, one by WILLIAM PERL dated May 22, 1952, and another by ABRAHAM MUTTERPERL dated May 21, 1952. Subject's affidavit alleged in substance that when his bail was set in the sum of \$20,000 at the time he pled not guilty to the perjury indictment in March 1951, he had no such sum of money in his possession and that the only way this bail could be posted was to call on his father, who used \$18,000 of his own funds which was all that he had, and that his father borrowed the remaining \$2,000 from subject's wife's people. Subject alleged that at the time of his indictment, it was stated there was some chance that he might leave the jurisdiction. He stated he had never had any such thought and, in fact, desired an opportunity to refute the charges.

Subject further alleged, "at the outset, let it be unequivocally plain that I am not now and never have been a member of the Communist Party, a Communist sympathizer, fellow traveler, or in any manner, shape or form, in thought, word or deed connected with or in sympathy with the Communist Party or Communist documents". He stated further that he had never engaged in espionage of any kind or description. (4)

Subject further alleged that since his indictment he had been unable to find gainful employment sufficient to feed and clothe himself and his wife. At the present time, he stated, they are expecting the birth of a child in July 1952 which would entail additional expenses. He stated he was practically without funds and was forced to throw himself on

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the charity of his family. For this reason he desired that a portion of the bail money be returned to his father so that it could be in turn loaned to him and that the bail originally set in the amount of \$20,000 be reduced to \$5,000 for this purpose.

ABRAHAM MUTTERPERL, in his affidavit executed on May 21, 1952, stated he was the father of WILLIAM PERL and was making the affidavit in support of a motion to reduce bail from \$20,000 to \$5,000. He stated he had resided with his wife at 936 Tiffany Street, Bronx, New York for a number of years; that he is a naturalized citizen of the United States for the past thirty years, and has resided in New York City without interruption from the time he came to this country over forty years ago.

The affidavit stated further that he had converted his life's savings into cash and posted it as a major portion of his son's bail. He alleged that he deposited \$18,000 cash of his own money and borrowed the remaining \$2,000 from a relative of his son's wife. He requested the court to reduce bail so that he could use \$15,000 to supplement his earnings for living expenses and, secondly, so that he could lend his son money for his own living expenses.

Under date of May 26, 1952, Assistant United States Attorney ROBERT MARTIN, Southern District of New York, filed an Affidavit in Opposition to Motion to Reduce Bail, in which it was alleged generally that the subject had been charged in a four count indictment with having committed perjury in that he testified falsely before the Grand Jury as to his knowledge of and association with JULIUS ROSENBERG, MORTON SOBELL, HELENE ELITCHER, ANN SIDOROVICH, and MICHAEL SIDOROVICH. (u)

This affidavit recited that the reason the case had not been brought to trial to date is because, among other reasons which may not properly be disclosed, the United States Attorney believed it desirable to have all aspects of the

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ROSENBERG and SOBELL prosecutions completed before commencing prosecution in the related cases.

The affidavit then referred to the possibility of flight by the subject and reviewed the arrangements made by other individuals involved in the ROSENBERG and FUCHS espionage cases to flee the country. It stated that the money posted as bail in this case was not the defendant's in that, for the most part, it belonged to his father and, therefore, there is little security to keep the defendant within the jurisdiction. Further, that the defendant's sister, Mrs. SALLY RENZ, 202 West 69th Street, New York City, advised the United States Attorney's office in April 1952 that were it not for the bail posted in instant case she thought that her brother, WILLIAM PERL, would flee the jurisdiction.

Under date of May 27, 1952, WILLIAM PERL filed an Affidavit in Reply to the above affidavit submitted by the United States Attorney in opposition to his motion to reduce bail. He alleged that for approximately twenty years his sister, who is now Mrs. SALLY RENZ, had been suffering from a serious mental illness, and that for a period of approximately five years she was periodically hospitalized in various mental institutions, including Rockland State Hospital and the New York City Hospital at Welfare Island.

The affidavit stated that subject did not know exactly how to characterize her mental pathology, but believed her trouble is spoken of medically as "exhibiting schizophrenic tendencies with incipient symptoms of dementia praecox". As to the possibility of flight, subject alleged that at one time he had made application for and received a passport. He stated that in the spring of 1948, while he was a student working for a doctorate of philosophy in physics, he had an intention to finish his course of study under a Professor BURGERS in Holland. At that time he was on leave of absence from the National Advisory Committee for Aeronautics and subsequently decided to return to this facility where he continued to work and finish his doctoral dissertation.

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Further concerning the above passport, he alleged that he had testified before the Grand Jury, his last testimony being given in September 1950, and that six months thereafter he applied for renewal of his passport with the intention of taking a short vacation with his wife in France where his brother was living and where he also has several other relatives, after which he expected to make short trips purely for pleasure to Italy and to Switzerland.

He reiterated that he was seeking the motion to reduce bail so that his father could lend him some of the bail money in order to live and to keep his wife and to be able to take care of the child when it is born in July 1952. (u)

On May 27, 1952, Judge GREGORY F. NOONAN heard oral arguments on the above motion and reserved decision.

On May 28, 1952, Judge NOONAN denied defendant's motion for reduction of bail.

On June 3, 1952, Judge THOMAS F. MURPHY, Southern District of New York, executed an Order to Show Cause why an order should not be made:

1) Requiring the government to furnish to the defendant a bill of particulars with respect to the following matters:

a) To set forth the overt acts which the government will prove, from which it will be argued that the defendant believed that he knew or was associated with, or had knowledge of the activities of MORTON SOBELL, HELENE ELITCHER, JULIUS ROSENBERG, ANN SIDOROVICH, and MICHAEL SIDOROVICH; that the government should furnish the names of all persons upon whom it relies to prove its contention that the defendant knew the above individuals.

2) Requiring the government to grant the defendant access to the minutes of his own testimony before the Grand

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Jury and to allow him to inspect those minutes and either copy them or be furnished with a copy thereof.

3) Setting a definite date for trial of the indictment herein on the earliest day available in the month of June 1952, or, in the alternative, dismissing the indictment.

In support of the motion for the above relief, subject executed an affidavit under date of June 3, 1952, which alleged, among other things, that at the time he was indicted he was employed at Columbia University on a full-time job. Immediately following his indictment, this employment had been terminated; that he has been unable to secure any employment since that time although he has made several efforts to do so, including application for work at the Institute for Applied Mathematics and Mechanics at New York University, various applications to secure work tutoring privately in mathematics and physics, and an application to the National Foundation for Infantile Paralysis for a fellowship to do research at Columbia College of Physicians and Surgeons. (u)

He alleged that his income in 1951 totaled some \$900, during which time his wife was able to earn approximately \$489. He alleged that on May 1, 1951 he had above and beyond current expenses accumulated savings of approximately \$2,400; that on the date of the affidavit he had only \$400 of this left and that he had been able to borrow approximately \$800 in addition which he presently owes.

Coupled with the above affidavit in support of subject's motion was an affidavit dated June 3, 1952, executed by his attorney, FREDERICK J. WATERS.

On June 8, 1952, the government filed an affidavit in opposition to the above motion for immediate trial, and on June 9, 1952 arguments on the motion were heard by Judge JOHN F.X. McGOHEY, who reserved decision.


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During these arguments, Mr. WATERS, counsel for the defense, indicated a possibility of calling JULIUS ROSENBERG as a defense witness. It was noted that the subject, WILLIAM PERL, was present in the court room at this time.

On June 30, 1952, Judge JOHN F.X. McGOHEY denied the defendant's motion for an immediate trial and for a further bill of particulars, and allowed the defendant's motion with respect to his request for inspection of his own Grand Jury minutes. (11)

On the latter date, Assistant United States Attorney ROBERT MARTIN stated that the trial of instant perjury indictment would not be placed on the calendar before the fall term, 1952.

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(s)



b1

(s)

The numerical listings of the following comments by Mr. STACK of the NACA refers to the related information as previously reported in this case, which has been numbered in the same order.

(u)



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(1) The NACA reports referred to were considered as being identical with various advanced confidential reports known as ACR's which were issued by NACA during the period from 1922 to December 1946.

(u)

(2) The NACA technical reports referred to were described as being unclassified type reports.

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The NACA reports referred to under this item were similar to those described in this unclassified report issued by NACA. The questioning of [redacted] concerning the possibility of his having seen NACA reports in blue covers was to determine whether he may have seen classified reports issued by NACA since December 1946, on which date blue covers were issued for various classified reports.)

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- (5) NACA has never used any covers having a wide diagonal band as described in this item and with the word "Secret" printed thereon. It was suggested that this cover may possibly have been used by either the Air Materiel Command or the Air Force. (u)
- (6) During the war, NACA prepared reports for the Air Force similar to those described in this item. However, these reports generally carried the notation "Not edited" and these reports did not receive general circulation. (u)



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- (7) The information in this item relative to a full scale tunnel could have been obtained by the Soviets as early as 1937 through the Toledo Scale Company, Toledo, Ohio. According to NACA, that company furnished the Soviets with information as to various scale balances to be used in wind tunnels and is known to have actually sold to the Soviets some of these scales around 1937.
- (8) NACA advised that a Soviet commission actually did visit their Langley Field Laboratory in 1933-34 and they could well have received a large quantity of unclassified documents and reports at the time of this visit. (u)
- (9) According to NACA, the drawing of Ordinates for the Nose Inlet-Tail Outlet Fuselage was possibly obtained by the Soviets at some factory where same was being produced. It was pointed out that there is no one fuselage which is designated as the United States Nose Inlet-Tail Outlet Fuselage. It was pointed out that the fuselage referred to therein could not be identified as any NACA project but it was indicated that such fuselage may have been a classified item.

(10) The possession by the Soviets of photostats of NACA data sheets as to various aeronautical projects upon which experiments were being made, by such committee, would constitute a serious leakage of material from that committee. Such data sheets are considered as classified items and should not have been available to any persons outside NACA. [redacted] has indicated that he would be in a position to identify some of the data sheets which he has seen.

b7d

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(11) It was not possible to positively identify the exact reports on the "Gorgon" but, according to NACA, the details concerning this missile, including information concerning the hardware and construction data would have been available and in the possession of NACA. It was pointed out that construction data on the air frame drawings for the "Gorgon" were received at Langley Field in June 1945, and would have been maintained in the Stability Analysis Division. The "Gorgon" to which [REDACTED] referred definitely was a jet propelled "Gorgon" and was a classified item.

(12) The information furnished by [REDACTED] concerning the XS-1 which refers to the Bell X-1 plane was quite confusing in view of the fact that no flight reports were available on this plane as early as 1945, since the first flight test on the X-1 was in the spring of 1947. It was pointed out, however, that [REDACTED] may have misinterpreted flight data calculations with respect to this plane as being actual flight test reports. With respect to Item #E pertaining to the physiological test of pilots of the X-1, it was mentioned that they may refer to the tests which were performed in the Aeromedical Laboratory at Wright-Patterson Air Force Base, the results of which would have been in the possession of the Bell Aircraft Company. Further, Item #F would have been the wind tunnel calculations relating to the X-1, whereas Item #G would have had to come from the company manufacturing the plane. b7d

According to NACA, the information under this item definitely referred to the Bell X-1 plane which was being manufactured by the Bell (u)

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Aircraft Company, Buffalo, New York. It was pointed out that this information may have been available to the Russian test pilot ~~KOCHETKOV~~ inasmuch as he was at that time testing the P-63 plane which was being produced by Bell for the Soviets. (u)

- (13) According to NACA, this reference, without question, was to a GE engine of the centrifugal compressor type as was used in the P-59 plane. It was pointed out that the P-59 plane had been wind tunnel tested at the NACA Lewis Flight Propulsion Laboratory, Cleveland, Ohio, and WILLIAM PERL was known to have participated in the tests. The GE jet engine may likewise have been the Turbo-jet engine used on the XP-81 fighter plane. According to [REDACTED], the information concerning this GE jet engine was received by the Soviets sometime before the war ended but subsequent to their receipt of the information on the Bell X-1. This would make it appear that the information was received sometime in 1945. Any such information as to this GE jet engine is classified data. b7D (u)

- (14) The reports on propellor data as referred to by [REDACTED] were considered by NACA as unclassified material inasmuch as [REDACTED] appeared to have no information on the supersonic propellor tests or other late developments on propellor data. Inasmuch as the major testing on propellor data had been made at Stanford University, the inquiry was made of [REDACTED] as to whether he recalled the name of that university in connection with the various reports on propellor data which he claimed to have seen. b7D (u)

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- (15) The drawing and technical data referred to in this item definitely referred to a type of laboratory which was previously a classified item. [REDACTED] at the time he furnished this information made a drawing of the laboratory which he had in mind and his drawing was surprisingly close to the layout of the Gas Dynamics Laboratory maintained by NACA. It was suggested that there be exhibited to [REDACTED] a diagram of the NACA proposed Gas Dynamics Laboratory (abandoned) as well as a diagram of the Naval Ordnance Aerodynamics Laboratory at White Oaks (vacuum rather than pressure type laboratory copied from Germans). The information as to this laboratory would have been received by the Soviets around the middle of 1945, when it was being designed. (u) b2D

According to NACA, the diagram of their proposed Gas Dynamics Laboratory was prepared at their Lewis Flight Propulsion Laboratory in Cleveland, Ohio, and it is entirely likely that PERL may have had something to do with the planning of this laboratory. The drawing which was made around July 1944, was not known to have gotten out of the NACA organization. (u)

- (16) The information as to diagrams and calculations of interceptor attack on a bomber would primarily have been the type of information prepared at Wright Field at Dayton, Ohio, although it is possible that some of this information may have been made available to the various NACA laboratories. (u)

- (17) [REDACTED] had but a very hazy idea concerning the reports mentioned in this item and would not be in a position to further identify them. The purpose of his having been (u) b7D

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questioned as to whether he connected the name of the Hughes Company with these reports was the fact that the Hughes Company was supposed to have lost a confidential report ( ) pertaining to this type of information.

(B) General Information

With respect to the information on the methods for flow visualization, including smoke flow and Schlieren methods, it was pointed out by NACA that same would not constitute classified (u) data.

According to Mr. STACK, he definitely recalled that one of the women in the group that visited Langley Field in 1933 or 1934 was a NINA PAVLOVNA (u) LESNIKOVA.

The information pertaining to [REDACTED] knowledge as to the full scale tunnel used at NACA Langley Field Laboratory was not considered as classified information. ( ) b7D

From the discussion with [REDACTED] as to propellers and propeller testing methods, it did not appear that he had obtained a very comprehensive knowledge with regard to propeller testing methods. ( )

With respect to the information concerning the American experiments on the V-1 guided missile, it was indicated that reference was undoubtedly being made to the experimentation on the JB-2 guided missile. This information, according to NACA, carried a secret classification and the results of the experiments would have been available at both the NACA Langley Field Laboratory and the Lewis Flight Propulsion Laboratory. It was also considered significant that [REDACTED] had ( ) b7D

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mentioned that the Soviets' information concerning this missile apparently emanated from the south-east portion of the United States, whereas the JB-2 bomb was actually flight tested in Florida. ( )

Similarly, according to NACA, the information pertaining to the Lockheed P-80 (Shooting Star) would also have been classified secret and (u) would have been available to all of their NACA laboratories.

The information as to American type wing profiles which, according to [REDACTED] came into the possession of the Soviets, may possibly have been based on classified information. However, it was pointed out that their development by the Soviets may have been based on the material which was made available to them in 1934. With respect to Volume #2, Instruction for Designers, 1944 or 1945 edition, in which additional information as to these profiles was set forth, Mr. STACK mentioned that it was his understanding a copy thereof was in the possession of either the British Air Ministry ( ) or the British Ministry of Supply. b7D

The NACA #2409-34 airfoil report referred to by [REDACTED] appeared to be similar to a 1934 NACA unclassified report on airfoils. The various designations furnished by [REDACTED] as pertaining to this matter have never been used by NACA. It was pointed out that it was possible that the British may at one time have used such designations. It was suggested by NACA that it was possible that copies of the summary of experimental aeronautical research were prepared by the Bureau of New Techniques based on information which, according to [REDACTED] was received from the United States, and that such summaries were recorded in ( ) the Russian technical publication previously b7D

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referred to as "Express Information." The publication "Express Information," in addition to such summaries, was indicated as containing abstracts of technical aeronautical development information and digests of technical intelligence data with respect to aeronautical development. Mr. STACK mentioned that he was of the opinion that copies of "Express Information" might be in the possession of the Office Nationale Pour Etude et Research Aeronautique, Paris, France, in view of the fact that in 1946 the head of that group was known to have been a Communist. Further efforts are being made by NACA to identify the various items mentioned by [REDACTED] and samples of their work data sheets, as well as the diagrams of their Gas Dynamics Laboratory and the Naval Ordnance Aerodynamics Laboratory, are being made available to this Bureau for future exhibition to [REDACTED] ( ) b7D

#### IX MISCELLANEOUS

##### (A) American Physical Society Records

Miss ESTHER L. NELSON, Office Manager, American Physical Society, Room 905, Pupin Library, Columbia University, New York City, made available to SA HERMAN C. LITTLEJOHN the records of this society as they pertained to WILLIAM PERL.

It was noted that PERL was elected a member on June 21, 1946, at which time he was employed by the National Advisory Committee for Aeronautics. His sponsors for entrance into this organization were indicated on his membership card as ~~WATSON~~ and ~~EPSTEIN~~ although no other identification of these sponsors was available. Miss NELSON advised that sponsorship by an individual does not necessarily mean personal endorsement of the applicant. PERL'S record reflected the following addresses, which are set forth in chronological order, together with the dates they were submitted to the Society apparently by PERL:

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375 South Rafael Avenue, Pasadena, California -  
June 21, 1946  
936 Tiffany Street, Bronx, New York - July 17,  
1946.  
65 Morton Street, New York 14, New York -  
November 6, 1947.  
NACA, Over Propulsion Research Laboratory,  
Cleveland Airport - June 14, 1948.  
3200 Franklin Boulevard, Cleveland 13, Ohio -  
June 28, 1948.  
1257 Brockley Avenue, Lakewood 7, Ohio -  
August 19, 1948.  
16802 Larchwood Avenue, Cleveland 11, Ohio -  
December 28, 1948.  
7923 209 Street, Flushing, Long Island -  
July 3, 1950.  
Box 85, Pupin Physical Laboratory, New York  
City - October 3, 1950.  
104 East 38 Street, New York 16, New York -  
March 19, 1951.

In connection with the above address 7923 209 Street, Flushing, Long Island, which subject submitted on July 3, 1950, it is noted that previous investigation in instant case has revealed this address to be the home of subject's sister and brother-in-law, Mr. and Mrs. JOSEPH P. BLUM. (u)

According to the above records, PERL did not register for the 1951 meeting of the American Physical Society held at Columbia University, New York City, on January 31, 1952, February 1, 1952, and February 2, 1952.



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(E) Current Activities of Subject

Confidential Informant T-3, of known reliability, advised at periodic intervals during the period of this report concerning the various contacts of the subject, however no information pertinent to this investigation was developed from this source during this period. In the event information becomes available in the future it will be brought to the attention of this office.

Confidential Informant T-4, of known reliability, has advised at various intervals that the subject is still residing with his wife at Apartment 7A, 104 East 38 Street, New York City, and is unemployed. This source advised that subject spends the greater part of his time both during the day and evenings in his apartment; that occasionally he visits his parents' home at 936 Tiffany Street, Bronx, New York, also that he goes to the New York Public Library at 42nd Street and Fifth Avenue, where he has been observed reading various technical books and periodicals. This source likewise has revealed that the subject has visited Pupin Laboratory, Columbia University. In this connection, attention is invited to information previously reported herein as obtained from Dr. VERNON W. HUGHES at the Pupin Laboratory to the effect PERL has been assisting in an experiment conducted at that laboratory but that his work there is gratis as a favor to Dr. HUGHES and to Professor ISIDORE I. RABI.

No other activities of pertinence to this investigation have been obtained from this source. He noted however that the subject occasionally runs errands to the neighborhood grocery and laundry and has been taking short walks along the East River Drive, apparently for exercise. The source also reveals that the subject's wife HENRIETTA has been

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expecting the birth of a child. This source advised he would observe the subject's activities periodically and report same to this office.

(C) Records, New York Lying-In Hospital

Mr. SHERWOOD A. MESSNER, Administration Officer, New York Lying-In Hospital, 68th Street and York Avenue, advised that Mrs. HENRIETTA PERL registered as a maternity patient in the clinic division of the hospital on December 4, 1951, and has visited this institution for maternity care on the following dates:

January 3, 1952  
February 28, 1952  
March 27, 1952  
April 24, 1952  
May 15, 1952  
May 29, 1952  
June 12, 1952  
June 29, 1952  
July 3, 1952  
July 8, 1952  
July 11, 1952  
July 16, 1952

According to the record, Mrs. PERL gave birth to a baby boy on July 16, 1952.

According to her admittance card, she indicated her parents to be ALBERT SAVIDGE and RUTH GEARHART. She indicated that both she and her husband were unemployed, that they had no life insurance, no hospital insurance, and only a small amount of savings.

Mr. MESSNER advised that the normal charges for the above type of care at the hospital run between \$65 and \$165 and that Mrs. PERL was charged \$150. Her home address was listed as 104 East 38 Street, New York City.

- P -

ADMINISTRATIVE PAGE
INFORMANTS

Identity of Source	Date of Activity and/or Description of Information	Date Received	Agent to Whom Furnished	File No. Where Located
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T-1 [REDACTED]	Information from JULIUS ROSENBERG & re July 4, 1948 photographing incident	5/22/51 5/25/51	ARMAND A. CAMM. ROT.	65-15348-1737 & 1742
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(u)

[REDACTED]

(u)

T-24 [REDACTED]	VON KARLIN account	4/10/52	L. H. WOIWODE	65-15384-121, Page 5
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T-28 [REDACTED]	PERL checking account	7/27/50	H. F. GOOD	65-15387-691-Page 44
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T-3 Mail covers on subject's residence, 104 E. 38 St., NYC, and home of parents at 936 Tiffany St., Bx., NY.	Period of Report	Period of Report	MURICE W. CORCORAN	65-15387-Sub C
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(u)

T-4 Periodic spot checks of subject	Period of Report	Period of Report	MURICE W. CORCORAN	65-15387-Sub A
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~~SECRET~~

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ADMINISTRATIVE PAGE (CONT'D)

LEADS

No leads are being set forth in this report inasmuch as all leads are being directed by teletype and letter.

MISCELLANEOUS

Copies of this report are being forwarded to those offices who have conducted or will conduct investigation in this case and to those offices specifically designated by the Bureau.

[REDACTED]

b1

REFERENCE

Report of SA(A) EDWARD J. CAHILL, 3/29/52, New York.

~~SECRET~~

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BERNARD recalled that in the late winter and spring of 1949 business in the Pitt Machine Products, Inc., was very slow and there was very little money coming into the shop. Consequently, he believes that he first heard about his consultant friend in the late winter and spring of 1949. He further recalled that on March 7, 1949, his father died and that JULIUS loaned him the money to pay for the burial plot. He believed that this money was secured by JULIUS from his consultant friend.

RUTH GREENGLASS, wife of DAVID, stated that she first heard about the consultant friend in 1949. She recalls that on or about February 26, 1949, she had an accident and cut her leg and required considerable medical attention. She recalled DAVID telling her about a friend of JULIUS, who loaned the latter money, and suggesting that DAVID try and borrow some money from JULIUS through this friend. She recalled that around the time that she was injured JULIUS gave DAVID \$60.00. She also recalled that when DAVID'S father died on March 7, 1949, JULIUS laid out the money for the burial plot, paying the shares of both BERNARD, DAVID, and himself. She recalls that DAVID told her that JULIUS told him in private that the money that JULIUS had advanced for the grave was not a loan since theirs was a "different relationship" and that JULIUS had a friend who had staked him. This friend was a consultant for a dam project in Egypt and earned a lot of money. He was also employed by the government and because of the extra money he made as a consultant he did not miss the money he gave to JULIUS.

RUTH advised that it was her impression that this friend of JULIUS was single and it was her impression that he was paid on an hourly basis, probably four or five dollars an hour. She stated that figuring \$5.00 an hour as a basis on a forty-hour week meant that this consultant would earn about \$200.00 a week, besides his government salary. She stated that she is positive now that DAVID never told her that this consultant made \$200.00 a day because she is certain that such a large amount would have impressed her and she certainly would have been more curious about the individual.

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Mr. LAPEAN advised that the questions raised by the Egyptian Government were most important to the acceptance of the scheme of Hugh L. Cooper and Company, Inc., since if the rectangular penstocks were proven impractical, the scheme of the Hugh L. Cooper and Company, Inc. would fail. He stated that the problems raised were of such a nature as to be outside of the usual research work done by the engineers of his office. He advised that the problems devised questions of hydrodynamics and aerodynamics.

Mr. EDWARD ROBERTS, an Executive Vice President of the Chemical Construction Corp., recommended Dr. THEODORE VON KARMAN as an outstanding authority in the field of hydrodynamics and aerodynamics to be retained as a consultant on the problems raised by the Egyptian Government.

Mr. LAPEAN produced the records of the Chemical Construction Corp. and the Hugh L. Cooper Co., which reflect that Dr. VON KARMAN made a study of the problems and eventually proved that the penstocks in the Cooper scheme would perform as intended. He stated that VON KARMAN laid down the solution of the problem and that much of the work was performed by one of his assistants, a man named Mr. PERL.

On July 8, 1947, PERL wrote a letter to the Hugh L. Cooper and Co., enclosing his report entitled "Preliminary Analysis of Water - Hammer in Proposed Aswan Dam Penstock System". PERL described himself in this letter "as technical assistant to Dr. THEODORE VON KARMAN."

The records of the Chemical Construction Co. and the Hugh L. Cooper Co. reflect that VON KARMAN was paid the sum of \$4,800.00 for his services and that PERL was paid the sum of \$152.40 for his services and expenses. PERL was paid at the rate of \$4.00 per hour.

Confidential Informant T- , of known reliability, made available photostatic copies of the ledger sheets of the account of Dr. THEODORE VON KARMAN at the Park Avenue Branch of the Chase National Bank. An examination of this account reflects that a check in the sum of \$700.58 was charged to VON KARMAN'S account on July 7, 1947.

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Confidential Informant T- , of known reliability, made available the special checking account of WILLIAM PERL of 938 Tiffany Street, Bronx, New York, maintained in the Corn Exchange Bank Trust Company, Sheridan Square, New York City. A review of this account reflects that a deposit in the sum of \$700.58 was credited to this account on July 3, 1947. This deposit was in the form of a check which had been drawn on the Chase National Bank of New York City. It is likely that this check represents a payment made to PERL by VON KARMAN for services rendered by PERL in assisting VON KARMAN in his computations on the practicability of the rectangular penstocks for the Chemical Construction Corp.

It is likely that PERL performed services for VON KARMAN over and above those for which he received the sum of \$152.40. It has been established that the Chemical Construction Corp. and the Hugh L. Cooper Co. are the American firms which were primarily interested in the hydro-electrification scheme for the Aswan Dam. It appears likely that the "contact" of ROSENBERG, who was a consultant on this dam, was a person who had been retained by these companies. Since both VON KARMAN and PERL acted as consultants in this regard, it appears that one of these two individuals is a logical suspect for the unknown consultant.

DAVID GREENGLASS was re-interviewed at Northeastern Penitentiary at Lewisburg, Pennsylvania, on May 1, 1952 and May 2, 1952, by SAs JOHN A. HARRINGTON and JAMES WOOD. DAVID recalled that in the latter half of March 1948 he and JULIUS ROSENBERG had lunch at his mother's house at 64 Sheriff Street, New York City. While returning to the Pitt Machine Products Incorporated, where they worked, DAVID asked JULIUS for some money. JULIUS told him that he had borrowed a large sum of money from a friend and he hesitated to again ask for money. DAVID asked him how he could obtain credit since he had no resources. JULIUS told DAVID that his friend made a good

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payments were due. He stated that it was his recollection that these three events occurred in 1948, but stated it could also be 1949, and that his wife RUTH would be in a position to clarify the foregoing because it was she who was injured. DAVID stated that he had the impression that the friend of JULIUS ROSENBERG was older than himself and probably around JULIUS' age or slightly older. He is certain that JULIUS never told him what kind of work for the government this friend was engaged in.

BERNARD GREENGLASS was re-interviewed on July 16, 1952. He recalled that DAVID had mentioned to him that he had borrowed some money from JULIUS ROSENBERG and suggested that he, BERNARD, also ask JULIUS for money. BERNARD recalled that when he asked JULIUS for some money JULIUS told him that he had borrowed money from his consultant friend and that he again asked him for money and his consultant friend had requested that JULIUS repay to him money he had previously borrowed. JULIUS told BERNARD that he would ask him for some money because in his consultant work he could make a hundred dollars in a few days or so. BERNARD recalled that this consultant worked for the government but had no idea in what branch. He stated that on one occasion JULIUS told him that his consultant friend did not need the money that JULIUS had borrowed from him, and that he could wait until JULIUS repaid it. (u)

BERNARD stated that it was his impression that this individual, friend of JULIUS, was single and probably a friend of his from school. BERNARD was questioned as to whether JULIUS ever indicated to him the position in the engineering world that this consultant held. BERNARD stated that it was his impression that the consultant friend was an engineer but not of any exceptional ability. He stated that if this individual had been a widely known engineer he is certain that JULIUS would have told him. Therefore, he stated that from the "right way" that JULIUS referred to the consultant friend when he told about him asking for a repayment of the money he had loaned JULIUS it was his impression that JULIUS treated him in an off-hand manner.



~~SECRET~~

NY 65-15387

ADMINISTRATIVE PAGEINFORMANTS

Identity of Source	Date of Activity and/or Description of Information	Date Received	Agent to Whom Furnished	File No. Where Located
T-1 S-645-CR	Information from JULIUS ROSENBERG re July 4, 1948 photographing incident	5/22/51 & 5/25/51	ARMAND A. CANNAROTA	65-15348-1737 & 1742

(U)

b1

(S)

T-3 Mail covers on subjects residence 104 E. 38 St., NYC and home of parents at 936 Tiffany St., Bx., N.Y.	Period of Report	Period of Report	MAURICE W. CORCORAN	65-15387-Sub C
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T-4 Periodic spot checks of subject	Period of Report	Period of Report	MAURICE W. CORCORAN	65-15387-Sub A
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(U)

Classified by 5886 3/14/78

-169- Exempt from GDS. Category 1  
Declassification Indefinite~~SECRET~~

Julius Rosenberg Et. AL.

Multiple Referral

INTERNAL REVENUE SERVICE

BUREAU OF PUBLIC DEBT

No. 43

APPEAL ADDRESSES

General Accounting Office

Comptroller General  
United States General Accounting Office  
441 6th Street, N. W.  
Washington, D. C. 20548

General Services Administration

Director of Information  
Attention: Mr. Richard Vawter  
Room 6117  
18th and F Street, N. W.  
Washington, D. C. 20405

Immigration and Naturalization Service

Deputy Attorney General  
Attention: Office of Privacy and  
Information Appeals  
United States Department of Justice  
Washington, D. C. 20530

Internal Revenue Service

Freedom of Information Appeal  
Commissioner of Internal Revenue  
Ben Franklin Station  
P. O. Box 929  
Washington, D. C. 20044

National Aeronautics and Space Administration

Mr. Miles Waggoner  
Freedom of Information Officer  
National Aeronautics and Space Administration  
Washington, D. C. 20546

APPEAL ADDRESSES

Bureau of Navy Personnel

Judge Advocate General (Code 14L)  
Department of the Navy  
Washington, D. C. 20370

Bureau of Personnel Management Information System

Mr. Donald J. Biglin  
Assistant Executive Director  
Freedom of Information and Privacy  
United States Civil Service Commission  
1900 E Street, N. W.  
Washington, D. C. 20415

Bureau of Prisons

Deputy Attorney General  
Attention: Office of Privacy and  
Information Appeals  
United States Department of Justice  
Washington, D. C. 20530

Bureau of Public Debt

Commissioner of Public Debt  
Room 300  
Washington Building  
Washington, D. C. 20226

Central Intelligence Agency

Mr. Gene F. Wilson  
Central Intelligence Agency  
Washington, D. C. 20505

IRS  
Bureau of Public Debt

' Reviewed by: mls/rls

PACKET # 43

[illegible]

## REFERRAL DOCUMENT JUSTIFICATION

Agency Multiple  
Packet No. 43

Rosenberg Et Al.

HQ or Field Ofc.	File No.	Serial No.	Date of Serial	DELETIONS (S)
NY	65-16985	20	2/29/56	The Tax Reform Act of 1976 amended 26 U.S.C. 6103 to provide that Returns and Return Information shall be confidential. IRS information is considered to be exempt from the disclosure requirements of the Freedom of Information Act in accordance with 5 U.S.C. 552(b)(3) since it is return information specifically exempted by statute (26 U.S.C. 6103).

# FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE <b>NEW YORK</b>	OFFICE OF ORIGIN <b>NEW YORK</b>	DATE <b>2/29/56</b>	INVESTIGATIVE PERIOD <b>12/28/55: 1/13, 19, 24, 26/56 28, 31; 2/1, 3, 8, 13, 16, 17/56</b>
TITLE OF CASE <b>UNKNOWN SUBJECTS: Recipients of Leica Camera and \$7000 from ETHEL ROSENBERG, June, 1950</b>		REPORT MADE BY <b>RICHARD T. HRADSKY</b>	TYPED BY <b>axm</b>
		CHARACTER OF CASE <b>ESPIONAGE - R</b>	

SYNOPSIS:

Investigation conducted at banks at which CECILIA G. ARNOW and DAVID and EMILY ALMAN purchased or redeemed U.S. Savings Bonds revealed no record of either as a current or closed account or as a safe deposit box holder. T-1 submitted [REDACTED]

[REDACTED] total deposits in ARNOW'S checking account at Manufacturers Trust Company, 230 Second Ave., NYC, for the same period reflects [REDACTED] of total deposits of [REDACTED] Former assistant manager at Manufacturers Trust Company, 230 2nd Ave., NYC, Branch, advised that former director of the Home of the Sons and Daughters of Israel, ARNOW'S employer, absconded with thousands of dollars of the Home's funds in about 1949.

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IRS

- P -

APPROVED	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE:		65-16985-20	
5 - Bureau (65-63615) (RM)			
2 - Newark (RM)			
③ - New York (65-16785)			

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DETAILS:

Information has been received from T-1, who has furnished reliable information in the past, but whose background is questionable, that JULIUS ROSENBERG claimed to have had \$7000 in cash and a Leica camera in his apartment at the time he was first questioned by Federal Bureau of Investigation (FBI) Agents on June 16, 1950.

ROSENBERG stated that he refused to give the Agents permission to search his apartment, and that evening upon his return to the apartment he took the \$7000 and the Leica camera and gave them to his wife, ETHEL. The next morning ETHEL ROSENBERG removed the \$7000 and Leica camera in a brown paper shopping bag and brought them to the apartment of a Communist Party (CP) member who also lived in Knickerbocker Village (10-40 Monroe Street, New York 2, New York.) ROSENBERG stated that the friend was not aware of the contents of the brown paper shopping bag and was merely safeguarding it for the ROSENBERGS until they returned to claim it.

ROSENBERG described the recipients of the camera and the \$7000 as staunch friends who had two children and lived in Knickerbocker Village.

The husband was thinking of buying a home and was a member of the American Labor Party (ALP) in that section.

JULIUS and ETHEL ROSENBERG were convicted on March 29, 1951, in the U.S. District Court, Southern District of New York, for conspiracy to commit espionage in behalf of the Soviet Union. On April 5, 1951, they were sentenced to death, and on June 19, 1953, were legally executed at Sing Sing Prison, Ossining, New York.

T-2, who has furnished reliable information in the past, advised on September 9, 1954, that from the time of its inception in 1936, there existed within the ALP a struggle for power among three groups. These were the CP, the Socialist Party and the Social Democrats. By the early 1940's the CP emerged as the controlling force within the ALP in the major industrial areas



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around Albany, Buffalo, Jamestown, Rochester, Schenectady, Syracuse, Troy, the Hudson River Valley, Columbia, Dutchess, Nassau and Westchester Counties and New York City, with the exception of Brooklyn. In 1942 the CP was able to capture the ALP in Brooklyn. T-2 knew this situation to continue up until at least 1949. The ALP never developed into an organization of any real consequence in the non-industrial areas of New York State.

T-3, who has furnished reliable information in the past, advised on May 9, 1955, that the CP today, as in the past, through its members in key positions in the ALP, constitutes the force that controls it.

The CP has been designated by the Attorney General of the United States pursuant to Executive Order 10450.

DAVID and EMILY ALMEN, Knickerbocker Village residents in 1950, are possible recipients of the Leica camera and the \$7000.

T-4, who is familiar with legal matters pertaining to the purchase of a home in Englishtown, New Jersey, by DAVID and EMILY ALMEN, advised on December 30, 1954, that the purchase took place during October, 1953. He advised that the price was \$13,500 and the ALMENS furnished a mortgage in the amount of \$8900 and cash in the amount of \$4600. He stated that the title to this property is in the names of EMILY and DAVID ALMEN and CECELIA JARROW, whom T-4 identified as EMILY ALMEN's mother.

T-4 also stated on February 7, 1955, that a \$2000 second mortgage was negotiated by the ALMENS at the time that they purchased their present residence.

The records of the Middlesex County Clerk's Office, Middlesex County Court House, New Brunswick, New Jersey, were checked by ST. ROLLO V. CLARK, JR., on February 18, 1955, and Discharge Book number 22, page 222,

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reflected that the mortgage given by DAVID ALMAN, EMILY ALMAN and CECELIA ARNOW was discharged on May 24, 1954, which discharge was recorded on June 19, 1954.

At the Municipal Reference Library, Municipal Building, New York, New York, the list of enrolled voters for the year 1950, Second Assembly District, 7th Election District of Manhattan, as checked by SA RICHARD T. JHADSKY, February 17, 1956 reflected that DAVID and EMILY ALMAN, 20 Monroe Street, New York, New York, were enrolled as voters of the ALP ticket.

Investigation to Locate Bank Accounts

On November 7, 1955, information was received from T-5, who has furnished reliable information in the past, reflecting that CECELIA G. ARNOW and EMILY and DAVID ALMAN had either purchased or redeemed U.S. Savings Bonds at the banking institutions mentioned below. Investigation was conducted to locate checking or savings accounts or safe deposit boxes there and to check for any large deposits or withdrawals, and the sources of the funds if located.

On January 26, 1956, T-6, who has furnished reliable information in the past, advised that the records of the Corn Exchange Bank, 423 Canal Street, New York City, reflected no record of an open or closed account ever maintained by CECELIA G. ARNOW or DAVID or EMILY ALMAN at this institution or any record of them as holders of safe deposit boxes.

On January 27, 1956, T-7, who has furnished reliable information in the past, advised that no record of the names CECELIA G. ARNOW or EMILY or DAVID ALMAN could be located as a current or closed account or <sup>as</sup> safe deposit holders in the records of the First Federal Savings and Loan Association, 237 First Avenue, New York City.

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On January 31, 1956, T-8, who has furnished reliable information in the past, advised that the records of North River Branch of the Bowery Savings Bank, 206-212 West 34th Street, New York City, reflect no current or closed account or a record of a safe deposit box holder, in the name of CECELIA G. ARNOW.

On the same date, T-9, who has furnished reliable information in the past, advised that there was no record of a current or closed account or a safe deposit box in the name of EMILY or DAVID LEMEN located in the files of the Chase Manhattan Bank, 1040 Madison Avenue, New York, New York, Branch.

On February 8, 1956, T-10, who has furnished reliable information in the past, advised that no record of a closed or current account or safe deposit box application for DAVID or EMILY LEMEN was noted in the files of the National City Bank, Broadway Branch, New York, New York.

On February 8, 1956, T-11, who has furnished reliable information in the past, advised that no record was located for EMILY or DAVID LEMEN in the current or closed account records or as a holder of a safe deposit box at the Manufacturers Trust Company, 100 Park Row, New York, New York.

On February 16, 1956, T-12, who has furnished reliable information in the past, advised that the Public National Bank was merged with the Bankers Trust Company in 1955, and that the files of the Bankers Trust Company, 16 Wall Street, New York City, reflect no record of the name of DAVID or EMILY LEMEN as current or closed accounts or as safe deposit box holders.

On January 13, 1956, T-13, who has furnished reliable information in the past, advised that CECELIA G. ARNOW had never had a savings or checking account at the First National Bank, Madison, Wisconsin, nor is there any record of her ever having rented a safe deposit box.

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Information obtained from T-6 through T-13 was furnished on a confidential basis and should not be made public except in the usual proceedings following the issuance of a subpoena.

Information re RUTH L. PETERSON, daughter  
of CECILIA G. ARNOW

On January 13, 1956, SA ARTHUR F. BIER of the Milwaukee Division conducted the following investigation:

The Madison City Directory for the year 1943, lists a RALPH (ROBBY) PETERSON as a teacher residing at 1015 University Avenue, Madison, Wisconsin.

The 1942-1943 University of Wisconsin Directory lists a RUTH L. PETERSON as a fourth year Bachelor of Arts student and her Madison, Wisconsin, residence as 1015 University Avenue.

Records of the Registrar's Office at the University of Wisconsin as made available by DONALD KLEVENBERG, contains an admission record filed September 15, 1938, by RUTH L. ARNOW, born July 21, 1919, at New York City, which lists her permanent address as 40 Monroe Street, New York City, and indicates her mother and father's nationality as Russian. She identified her parent as CECILIA G. ARNOW, a social worker of 40 Monroe Street, New York City, and under the heading of preparatory schools attended listed Mac Combs Junior High School and the Julia Richman High School in New York City.

The records of the Registrar's Office contains a notification of change of name under the date of April 16, 1940, to the name of RUTH L. PETERSON. The files also contain a letter to University authorities from RUTH L. ARNOW claiming legal residence in Wisconsin by virtue of her marriage to RALPH PETERSON.

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This letter indicates that RALPH PETERSON conducted a weekly paper at Plum City in Pierce County, Wisconsin, and that in April, 1941, he moved to Hudson, Wisconsin, where he conducted a job printing business. A transcript of RAHIL ANNOW, reflects that she matriculated at the University of Wisconsin September 30, 1938, and graduated with a Bachelor of Arts degree on March 19, 1947, completing her requirements for a degree by correspondence courses. The file reflects that copies of the transcripts were sent to the University of Minnesota on May 28, 1941, and later to the New York Municipal Civil Service and also to the Domestic Relations Court on January 25, 1951, place not indicated.

T-14, who has furnished reliable information in the past, advised on May 10, 1954, that he first met RALPH PETERSON about 1937, at which time PETERSON appeared to be a well-established member of the CP in Wisconsin, probably on a state-at-large membership basis; that PETERSON appeared to travel frequently at that time and that he attended several meetings of both the Town and University branches of the CP at Madison, Wisconsin, and gave the impression, upon occasion, of bringing instructions to these branches. He was described as a fanatic follower of Communism, who justified every act made by the Party on the basis of the Party line and who spoke in admiring terms of the Proletariat and Revolution to the point where informant doubted that he was completely sound mentally.

PETERSON, according to T-14, has been married twice. Informant had no information concerning the activities of his wives.

Efforts to verify the marriage and divorce of RALPH PETERSON and RAHIL ANNOW through the records of the Bureau of Vital Statistics, State of Wisconsin, at Madison, Wisconsin, on January 19, 1956, were negative.

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~~CONFIDENTIAL~~ Madison Police Department, furnished the following information from the police files:

RALPH EDWARD PETERSON, variously described as a writer, radio broadcaster, and cab driver was born on June 9, 1916, Rhinelander, Wisconsin, and held cab license 7123, now inactive, and worked as a cab driver for City Car Company in May, 1952; the Yellow Cab Company in May and June, 1952; and the Checker Cab Company, Madison, Wisconsin, in July, 1952.

RALPH EDWARD PETERSON had the following criminal record:

April 9, 1945

August 3, 1946

February 11, 1954

~~Drunk~~

~~Drunk~~

~~Drunk~~

~~Drunk~~

~~Drunk~~

~~Drunk~~

~~Drunk~~

~~Drunk~~

~~Drunk~~

The following description of PETERSON appeared in the Police Department files:

Date of Birth	June 9, 1916
Place of Birth	Rhinelander, Wisconsin
Height	6 feet 3 inches
Weight	173 pounds
Build	Slender
Hair	Dirty blond, straight
Eyes	Blue
Complexion	Medium

It is noted that RUTH ELMOW PETERSON gave as her permanent residence, 40 Monroe Street in 1938, when she entered the University of Wisconsin. At the Municipal Reference Library, Municipal Building, New York City, the list of enrolled voters for the year 1937,

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First Assembly District, 14th Election District, Manhattan, as checked by SA RICHARD T. HRUSKY on February 17, 1956, reflects that CECILIA G. ARNOW, 40 Monroe Street, New York City, was enrolled as a voter of the LP ticket. (It is noted that CECILIA G. ARNOW's name was spelled CECILIA G. ARNOW in this election.)

No record of registration of ARNOW was listed in 1938 at 40 Monroe Street, New York City.

The Board of Election Records for the year 1940, 4th Assembly District, Manhattan, as checked by SA NORMAN R. JOHNSON on December 2, 1955, reflected that CECILIA G. ARNOW resided at 57 Cannon Street, New York, New York, Apartment 24. She described herself as a widow, age 31 plus, 34 years in city and state, 1 year in election district, employed at 283 Livingston Street, as a social worker.

The list of registered voters at the Municipal Reference Library, 4th Assembly District, 11th Election District, as checked by SA RICHARD T. HRUSKY on February 17, 1956, reflected that in 1941 CECILIA G. ARNOW and DAVID and EMILY ALMAN all registered as residents of 277 Livingston Street, New York, New York.

#### Banking Information

On December 28, 1955, T-15, who has furnished reliable information in the past, advised that the ledger sheets of CECILIA G. ARNOW'S checking account at the Manufacturers Trust Company, 230 Second Avenue, New York, New York, reflected a balance of \$667.64 on December 1, 1955. A deposit on December 2, 1955 was made of \$362.87. Her balance as of December 19, 1955, was \$504.43.

Among checks drawn on the account in the month of December, 1955, were the following:

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<u>Date</u>	<u>Payee</u>	<u>Amount</u>	<u>Other Endorsements</u>
November 30, 1955	EMILY ALMAN	\$35	
December 1, 1955	National Guardian	\$2	
December 1, 1955	BOBBY PETERSON	\$25	Pete and Oscar's Service Station 1701 Neptune Avenue Brooklyn
December 12, 1955	EMILY ALMAN	\$250	

The ledger sheets for January, 1956, reflected a balance on January 3, 1956, of \$498.51, a deposit of \$362.87 on January 4, 1956, and a balance on January 26, 1956, of \$597.80. (INFORMATION FROM T-15 ON 1-27-56)

Among checks drawn on the account in the month of January, 1956, were the following:

<u>Date</u>	<u>Payee</u>	<u>Amount</u>	<u>Other Endorsements</u>
December 25, 1955	Cash	\$10	EMILY ALMAN
January 2, 1956	National Guardian	\$2	
December 29, 1955	EMILY ALMAN	\$15	
January 5, 1956	EMILY ALMAN	\$25	
January 7, 1956	Empire State Hearing Aid	\$9.60	Empire State Hearing Aid Bureau, Inc.
January 10, 1956	EMILY ALMAN	\$40	
January 19, 1956	Cash	\$15	RHIL PETERSON Eastern Farms Products, Inc. Ozone Park.

Information from T-15 was obtained on a confidential basis and should not be made public except in a usual proceeding following the issuance of a subpoena.

The 1949 Report of the California Committee on Un-American Activities cited the "National Guardian" as a publication launched in New York in 1948 aiming at



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national circulation which they found to be from its inception notoriously Stalinist in its staff, writers, management and contents.

(1949 Report of the California Senate Fact-Finding Committee on Un-American Activities, Page 394).

On February 1, 1956, information was received from T-16, who has furnished reliable information in the past.

[REDACTED]

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On October 6, 1955, T-15, who has furnished reliable information in the past, furnished the ledger sheets for CECIL G. RNOWS checking account at the Manufacturers Trust Company, 230 Second Avenue, New York City. The ledger sheets reflected the following total deposits by RNOW in her checking account in the 1950-1954 period, which are set forth for comparative purposes:

Year	Figures Furnished T-16	Total Deposits in Checking Account	Excess Total Deposits
[REDACTED]	[REDACTED]	18,325.70	[REDACTED]
[REDACTED]	[REDACTED]	6,509.54 (January-February not included)	[REDACTED]
[REDACTED]	[REDACTED]	9,200.63	[REDACTED]
[REDACTED]	[REDACTED]	9,736.45	[REDACTED]
[REDACTED]	[REDACTED]	10,162.84	[REDACTED]
[REDACTED] period	[REDACTED]	\$43,803.16	[REDACTED]

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IES

The above figures reflect that RNOW's total deposits [REDACTED]

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T-16 also advised [REDACTED]

It is possible that [REDACTED]

since T-16 has advised the poultry farm was not purchased until October, 1953, [REDACTED]

[REDACTED] if derived from interest and dividends from tax exempt securities paying a 3 per cent return would require an investment by [REDACTED] of approximately \$120,000 to equal an accumulated sum of approximately \$18,000 over the 1950-54 period.

T-16 furnished no information [REDACTED]

Interview of GEORGE KOEHN and JEROME TROTT,  
Former Assistant Managers, Manufacturers Trust  
Company, 230 Second Avenue, New York City.

On January 31, 1956, GEORGE KOEHN, Manager, Manufacturers Trust Company, 74th Street and First Avenue Branch, New York City, advised that he was assistant manager at the 14th Street Branch of this bank located at 230 Second Avenue, New York City, until 1953, and recalls that the organization known as the Home of the Sons and Daughters of Israel had an account at that bank, but that the only individual he ever had contact

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with there was BLANCHE HOFFMAN, who handled the payroll for the employees of the Home. KOEHN stated that he also recalls meeting the director of the Home, Mr. GELLENT, on several occasions, but could offer no information concerning either HOFFMAN or GELLENT. He stated that he did not know CECILIA G. JARROW.

On February 3, 1956, ~~JEROME TROTT, Manager~~ Conersie Branch, Manufacturers Trust Company, 9201 Flatlands Avenue, Brooklyn, New York, advised that he was formerly ~~assistant manager~~ at the 14th Street Branch of the Manufacturers Trust Company until 1953, but that he did not know CECILIA G. JARROW and had had only infrequent contact with employees at the Home of the Sons and Daughters of Israel.

~~TROTT~~ stated that he knew BLANCHE HOFFMAN, who handled the payroll and bookkeeping at the Home and that she was a very attractive woman of about thirty years of age. He stated that he was of the opinion that BLANCHE HOFFMAN knew about everything that happened at the Home and believed that she must listen in on telephone calls coming into the Home by means of an extension, because on several occasions she cut into telephone inquiries that he was conducting at the Home pertaining to personal business of the guests. ~~TROTT~~ stated that he recalls that in about 1949 the Home of the Sons and Daughters of Israel suffered a heavy loss of money in that the Rabbi, whose name he does not now recall, but who was then the director of the Home absconded with thousands of dollars of the Home's funds, which resulted in the subsequent hiring by the Home of a Mr. GELLENT, the present director, to check into the Home's administrative practices and to make any needed reforms. ~~TROTT~~ said that he had no knowledge of GELLENT's background and had little contact with him. ~~TROTT~~ stated that he did not know what the administrative set up of the Home was or how close HOFFMAN and JARROW, if she were then employed in the office, were to the ascending director.

~~CONFIDENTIAL~~

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He said he was of the opinion that no inquiries concerning ARNOW could be made at the Home without ARNOW becoming cognizant thereof because there were only a few paid employees in the Home's office.

The Directory of Social Agencies of the City of New York, 1950-51 reflects a listing for the Home of the Sons and Daughters of Israel, 232 East 12th Street, New York City, with JAMES E. GELEERT, Executive Secretary, ARTHUR G. KLEIN, President, and MORRIS COHEN, Treasurer. The directory states that the Home is for men, women, and couples, 65 years of age or over and that admission is free or payable according to circumstances. The directory also listed JAMES E. GELEERT as Treasurer of the Emmanu-el Brotherhood, 309-11 East 6th Street, New York, New York.

The indices of the New York Division reflected no references to FLINCHIE HOFFMAN.

- P -

~~CONFIDENTIAL~~

NY 65-16985

INFORMANTS

Identity of Informant	Date of Activity and/or Description of Information	Date Received	Agent to whom Furnished Location
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T-1

Information re  
activity of  
JULIUS ROSENBERG

1/3/51  
3/19/51  
4/11/51  
6/1/51  
6/2/51

SAS WILLIAM 65-  
F. NORTON & 15348  
JOHN A.  
HARRINGTON

T-2

Used to document ALP.

(by request)

T-3

Used to document ALP

T-4

RE purchase of  
ALLEN home

12/30/54  
2/7/55


HA. WEY M. 65-  
JOHNSON 15348-  
2736

(by request)

ADMINISTRATIVE PAGE

NY 65-16985

INFORMANTS (CONT'D)

<u>Identity of Informant</u>	<u>Date of Activity and/or Description of Information</u>	<u>Date Received</u>	<u>Agent to Whom Furnished</u>	<u>Location</u>
T-5 Bureau of Public Debt, Division of Loans and Currency, 536 S. Clark St., Chicago, Ill.		11/7/55	SA RICHARD T. HRADEKY	65-16985- 11-4
b6 Bu of Public Debt				
T-6 Mr. GILGUE, and safe deposit Asst. Mgr., boxes Corn Exchange Bank, 123 Canal St., NYC	Info re accounts	1/26/56	"	Instant Report
T-7 Mr. SMITH, Asst. Mgr., First Fed. Savings & Loan Assn., 237 1st Ave., NYC	"	1/27/56	"	"
T-8 Mr. HUGHES, and safe deposit Asst. Chief box holders Clerk, Bowery Savings Bank, North River Branch, 206- 212 W. 3rd St., NYC	Info re bank accts	1/31/56	"	"

ADMINISTRATIVE PAGE (CONT'D)

NY 65-16985

INVESTIGATIONS (CONT'D)

Identity of Informant	Date of Activity and/or Description of Information	Date Received	Agent to Whom Furnished	Location
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T-9 Mr. DEWEY Asst. Dir. Chase Manhattan Bank, 100 Madison Ave., NYC	Info re bank acct. and safe deposit box holders	1/31/56	SA RICHARD T. HRADEKY	Instant Report
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T-10 C. L. BROWN, Natl. City Bank, Broadway Branch, NYC	"	2/15/56	"	"
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T-11 Mr. GILBERT, Asst. Dir. Mfgs Trust Co., 100 Park Row, NYC	"	"	"	"
--	---	---	---	---

T-12 Mr. J. F. BROWN, Credit Dept. Bankers Trust Co., 10 Wall St., NYC	"	2/16/56	"	"
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T-13 Mr. J. F. BROWN, Credit Dept. Natl Bank, Madison, Wisc.	"	1/13/56	SA ARTHUR F. BAIER	"
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ADMINISTRATIVE PAGE (CONT'D)

NY 65-16985

REPORTS (CONT'D)

<u>Identity of Informant</u>	<u>Date of Activity and/or Description of Information</u>	<u>Date Received</u>	<u>Agent to Whom Furnished</u>	<u>Location</u>
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T-14 CEDRIC PARKER, City Editor, "Capitol Times," Madison, Wisc.	CP activities of PETERSON	5/10/54	SAS MARTIN L. CROAK & ALEXANDER D. HANSON	Instant Report
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T-15 FRED FULLER, Asst. Mgr., Mfgs. Trust Co., 230 2nd Ave., NYC	Info re checking account of CECELIA G. ARNOW	12/28/55; 1/27/56 10/6/55	SA RICHARD T. HRADSKY	" 65-16985-8
--	--	---------------------------------	--------------------------	-----------------

T-16  
I.S. Bureau  
of Internal  
Revenue,  
Dept. of  
Treasury

FEB. 1,  
1956

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ADMINISTRATIVE PAGE (CONT'D)



NY 65-16985

Careful consideration has been given to each source concealed and T symbols were utilized only where deemed necessary.

ADMINISTRATIVE

T-10 also advised [REDACTED]

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According to INS records at the Hall of Records, NY, NY, checked on 11/3/55 by SA RICHARD T. HRADSKY, CECILIA G. ARFON, maiden name CECILIA GREENSTONE, was born in Russia, 11/8/36, and was therefore 65 years old in 1951.

LEADS

NEW JERSEY

At Newark, New Jersey

Will ascertain if the Almen Poultry Farm is registered under that trade name in Englishtown, New Jersey, and if it is operating as a business.

Will check usual source of information to ascertain names of persons having a financial interest in the company as well as its current financial condition.

NEW YORK

At New York, New York

Will endeavor to ascertain [REDACTED]

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ADMINISTRATIVE PAGE (CONT'D)

NY 65-16985

[REDACTED]

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IRS

Will continue to determine if ARNOW has present sources of income other than her salary derived from the Home of the Sons and Daughters of Israel.

Will at Knickerbocker Village Rental Office endeavor to ascertain if its records reflect any information pertaining to the financial status of CECELIA G. ARNOW.

REFERENCE

Report of SA RICHARD T. BRADSKY, 12/28/55, NY.

ADMINISTRATIVE PAGE (CONT'D)

# FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE <b>NEW YORK</b>	OFFICE OF ORIGIN <b>NEW YORK</b>	DATE <b>2/29/56</b>	INVESTIGATING PERIOD <b>12/28/55; 1/13, 19, 24, 26, 28, 31; 2/1, 3, 8, 13, 16, 17/56</b>
TITLE OF CASE <b>UNKNOWN SUBJECTS: Recipients of Leica Camera and \$7000 from LTHEL. ROSENBERG, June, 1950</b>		REPORT MADE BY <b>RICHARD T. HRALSKY axm</b>	TYPED BY
		CHARACTER OF CASE <b>ESPIONAGE - R</b>	

SYNOPSIS:

Investigation conducted at banks at which CECILIA G. ARNOW and DAVID and EMILY ARMAN purchased or redeemed U.S. Savings Bonds revealed no record of either as a current or closed account or as a safe deposit box holder. T-1 submitted [REDACTED]

[REDACTED] total deposits in ARNOW'S checking account at Manufacturers Trust Company, 220 Second Ave., NYC, for the [REDACTED] reflects [REDACTED] of total deposits of [REDACTED] Former assistant manager at Manufacturers Trust Company, 220 2nd Ave., NYC, Branch, advised that former director of the Home of the Sons and Daughters of Israel, ARNOW'S employer, absconded with thousands of dollars of the Home's funds in about 1949.

63  
IRS

- P -

APPROVED	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE:		65-16985-20	
5 - Bureau (65-63615) (RM)			
2 - New York (RM)			
③ - New York (65-16785)			

NY 65-16985

DETAILS:

Information has been received from T-1, who has furnished reliable information in the past, but whose background is questionable, that JULIUS ROSENBERG claimed to have had \$7000 in cash and a Leica camera in his apartment at the time he was first questioned by Federal Bureau of Investigation (FBI) Agents on June 16, 1950.

ROSENBERG stated that he refused to give the Agents permission to search his apartment, and that evening upon his return to the apartment he took the \$7000 and the Leica camera and gave them to his wife, ETHEL. The next morning ETHEL ROSENBERG removed the \$7000 and Leica camera in a brown paper shopping bag and brought them to the apartment of a Communist Party (CP) member who also lived in Knickerbocker Village (10-40 Monroe Street, New York 2, New York.) ROSENBERG stated that the friend was not aware of the contents of the brown paper shopping bag and was merely safeguarding it for the ROSENBERGS until they returned to claim it.

ROSENBERG described the recipients of the camera and the \$7000 as staunch friends who had two children and lived in Knickerbocker Village.

The husband was thinking of buying a home and was a member of the American Labor Party (ALP) in that section.

JULIUS and ETHEL ROSENBERG were convicted on March 29, 1951, in the U.S. District Court, Southern District of New York, for conspiracy to commit espionage in behalf of the Soviet Union. On April 5, 1951, they were sentenced to death, and on June 19, 1953, were legally executed at Sing Sing Prison, Ossining, New York.

T-2, who has furnished reliable information in the past, advised on September 9, 1954, that from the time of its inception in 1936, there existed within the ALP a struggle for power among three groups. These were the CP, the Socialist Party and the Social Democrats. By the early 1940's the CP emerged as the controlling force within the ALP in the major industrial areas

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around Albany, Buffalo, Jamestown, Rochester, Schenectady, Syracuse, Troy, the Hudson River Valley, Columbia, Dutchess, Nassau and Westchester Counties and New York City, with the exception of Brooklyn. In 1942 the CP was able to capture the ALP in Brooklyn. T-2 knew this situation to continue up until at least 1949. The ALP never developed into an organization of any real consequence in the non-industrial areas of New York State.

T-3, who has furnished reliable information in the past, advised on May 9, 1955, that the CP today, as in the past, through its members in key positions in the MLP, constitutes the force that controls it.

The CP has been designated by the Attorney General of the United States pursuant to Executive Order 10450.

DAVID and FAMILY LEMIN, Knickerbocker Village residents in 1950, are possible recipients of the Loica camera and the \$7000.

T-4, who is familiar with legal matters pertaining to the purchase of a home in Englishtown, New Jersey, by DAVID and EMILY ALMÉN, advised on December 30, 1954, that the purchase took place during October, 1953. He advised that the price was \$13,500 and the ALMÉNS furnished a mortgage in the amount of \$8900 and cash in the amount of \$4600. He stated that the title to this property is in the names of EMILY and DAVID ALMÉN -né GECCELI JERNOW, whom T-4 identified as EMILY ALMÉN'S mother.

T-4 also stated on February 7, 1955, that a \$2000 second mortgage was negotiated by the LHMN3 at the time that they purchased their present residence.

The records of the Middlesex County Clerk's Office, Middlesex County Court House, New Brunswick, New Jersey, were checked by S. HOLLO V. CLARK, JR., on February 18, 1955, and Discharge Book number 22, page 222.

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reflected that the mortgage given by DAVID ALMAN, EMILY ALMAN and CECELIA ARNOW was discharged on May 24, 1954, which discharge was recorded on June 19, 1954.

At the Municipal Reference Library, Municipal Building, New York, New York, the list of enrolled voters for the year 1950, Second Assembly District, 7th Election District of Manhattan, as checked by SA RICHARD T. IMRADSKY, February 17, 1956 reflected that DAVID and EMILY ALMAN, 20 Monroe Street, New York, New York, were enrolled as voters of the ALP ticket.

Investigation to Locate Bank Accounts

On November 7, 1955, information was received from T-5, who has furnished reliable information in the past, reflecting that CECELIA G. ARNOW and EMILY and DAVID ALMAN had either purchased or redeemed U.S. Savings Bonds at the banking institutions mentioned below. Investigation was conducted to locate checking or savings accounts or safe deposit boxes there and to check for any large deposits or withdrawals, and the sources of the funds if located.

On January 26, 1956, T-6, who has furnished reliable information in the past, advised that the records of the Corn Exchange Bank, 423 Canal Street, New York City, reflected no record of an open or closed account ever maintained by CECELIA G. ARNOW or DAVID or EMILY ALMAN at this institution or any record of them as holders of safe deposit boxes.

On January 27, 1956, T-7, who has furnished reliable information in the past, advised that no record of the names CECELIA G. ARNOW or EMILY or DAVID ALMAN could be located as a current or closed account or <sup>as</sup> safe deposit holders in the records of the First Federal Savings and Loan Association, 237 First Avenue, New York City.

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On January 31, 1956, T-8, who has furnished reliable information in the past, advised that the records of North River Branch of the Bowery Savings Bank, 206-212 West 34th Street, New York City, reflect no current or closed account or a record of a safe deposit box holder, in the name of CECELIA G. ARNOW.

On the same date, T-9, who has furnished reliable information in the past, advised that there was no record of a current or closed account or a safe deposit box in the name of EMILY or DAVID ALMAN located in the files of the Chase Manhattan Bank, 1040 Madison Avenue, New York, New York, Branch.

On February 8, 1956, T-10, who has furnished reliable information in the past, advised that no record of a closed or current account or safe deposit box application for DAVID or EMILY ALMAN was noted in the files of the National City Bank, Broadway Branch, New York, New York.

On February 8, 1956, T-11, who has furnished reliable information in the past, advised that no record was located for EMILY or DAVID ALMAN in the current or closed account records or as a holder of a safe deposit box at the Manufacturers Trust Company, 100 Park Row, New York, New York.

On February 16, 1956, T-12, who has furnished reliable information in the past, advised that the Public National Bank was merged with the Bankers Trust Company in 1955, and that the files of the Bankers Trust Company, 16 Wall Street, New York City, reflect no record of the name of DAVID or EMILY ALMAN as current or closed accounts or as safe deposit box holders.

On January 13, 1956, T-13, who has furnished reliable information in the past, advised that CECELIA G. ARNOW had never had a savings or checking account at the First National Bank, Madison, Wisconsin, nor is there any record of her ever having rented a safe deposit box.

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Information obtained from T-6 through T-13 was furnished on a confidential basis and should not be made public except in the usual proceedings following the issuance of a subpoena.

Information re RAHIL L. PETERSON, daughter  
of CECELIA G. ARNOW

On January 13, 1956, SA ARTHUR F. BIER of the Milwaukee Division conducted the following investigation:

The Madison City Directory for the year 1943, lists a RALPH (BOBBY) PETERSON as a teacher residing at 1015 University Avenue, Madison, Wisconsin.

The 1942-1943 University of Wisconsin Directory lists a RAHIL L. PETERSON as a fourth year Bachelor of Arts student and her Madison, Wisconsin, residence as 1015 University Avenue.

Records of the Registrar's Office at the University of Wisconsin as made available by DONNA KLEVENBERG, contains an admission record filed September 15, 1938, by RAHIL ARNOW, born July 21, 1919, at New York City, which lists her permanent address as 40 Monroe Street, New York City, and indicates her mother and father's nationality as Russian. She identified her parent as CECELIA G. ARNOW, a social worker of 40 Monroe Street, New York City, and under the heading of preparatory schools attended listed McCombs Junior High School and the Julia Richman High School in New York City.

The records of the Registrar's Office contains a notification of change of name under the date of April 16, 1940, to the name of RAHIL PETERSON. The files also contain a letter to University authorities from RAHIL ARNOW claiming legal residence in Wisconsin by virtue of her marriage to RALPH PETERSON.



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This letter indicates that RALPH PETERSON conducted a weekly paper at Plum City in Pierce County, Wisconsin, and that in April, 1941, he moved to Hudson, Wisconsin, where he conducted a job printing business. A transcript of RAHIL ANNOW, reflects that she matriculated at the University of Wisconsin September 30, 1938, and graduated with a Bachelor of Arts degree on March 19, 1947, completing her requirements for a degree by correspondence courses. The file reflects that copies of the transcripts were sent to the University of Minnesota on May 28, 1941, and later to the New York Municipal Civil Service and also to the Domestic Relations Court on January 25, 1951, place not indicated.

T-14, who has furnished reliable information in the past, advised on May 10, 1954, that he first met RALPH PETERSON about 1937, at which time PETERSON appeared to be a well-established member of the CP in Wisconsin, probably on a state-at-large membership basis; that PETERSON appeared to travel frequently at that time and that he attended several meetings of both the Town and University branches of the CP at Madison, Wisconsin, and gave the impression, upon occasion, of bringing instructions to these branches. He was described as a fanatic follower of Communism, who justified every act made by the Party on the basis of the Party line and who spoke in admiring terms of the Proletariat and Revolution to the point where informant doubted that he was completely sound mentally.

PETERSON, according to T-14, has been married twice. Informant had no information concerning the activities of his wives.

Efforts to verify the marriage and divorce of RALPH PETERSON and RAHIL ANNOW through the records of the Bureau of Vital Statistics, State of Wisconsin, at Madison, Wisconsin, on January 19, 1956, were negative.

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Captain J. H. EMMETON, Madison Police Department, furnished the following information from the police files:

RALPH EDWARD PETERSON, variously described as a writer, radio broadcaster, and cab driver was born on June 9, 1916, Rhinelander, Wisconsin, and held cab license 7123, now inactive, and worked as a cab driver for City Car Company in May, 1952; the Yellow Cab Company in May and June, 1952; and the Checker Cab Company, Madison, Wisconsin, in July, 1952.

R. LPH EDW RL PETERSON had the following criminal record:

April 9, 1945  
August 3, 1946  
February 11, 1954

~~Reported to the Police Department~~  
that his wife, Mrs. CLYDE HARRIS  
SILVERMASTER, ~~born 10/26/54~~, and  
was emotionally disturbed at the  
time because of financial difficulties  
between the couple.

The following description of PETERSON appeared in the Police Department files:

Date of Birth	June 9, 1916
Place of Birth	Rhineland, Wisconsin
Height	6 feet 3 inches
Weight	173 pounds
Build	Slender
Hair	Dirty blond, straight
Eyes	Blue
Complexion	Medium

It is noted that R HIL KNEW PETERSON gave as her permanent residence, 40 Monroe Street in 1938, when she entered the University of Wisconsin. At the Municipal Reference Library, Municipal Building, New York City, the list of enrolled voters for the year 1937.

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First Assembly District, 14th Election District, Manhattan, as checked by SA RICHARD T. HRADESKY on February 17, 1956, reflects that CECILIA G. JENOW, 40 Monroe Street, New York City, was enrolled as a voter of the ALP ticket. (It is noted that CECILIA G. JENOW's name was spelled CECILIA G. JENOW in this election.)

No record of registration of JENOW was listed in 1938 at 40 Monroe Street, New York City.

The Board of Election Records for the year 1940, 4th Assembly District, Manhattan, as checked by SA ROBERT H. JOHNSON on December 2, 1955, reflected that CECILIA G. JENOW resided at 57 Cannon Street, New York, New York, Apartment 14. She described herself as a widow, age 31 plus, 34 years in city and state, 1 year in election district, employed at 283 Livingston Street, as a social worker.

The list of registered voters at the Municipal Reference Library, 4th Assembly District, 11th Election District, as checked by SA RICHARD T. HRADESKY on February 17, 1956, reflected that in 1941 CECILIA G. JENOW and DAVID and EMILY ALMAN all registered as residents of 277 Livingston Street, New York, New York.

#### Banking Information

On December 28, 1955, T-15, who has furnished reliable information in the past, advised that the ledger sheets of CECILIA G. JENOW'S checking account at the Manufacturers Trust Company, 230 Second Avenue, New York, New York, reflected a balance of \$667.64 on December 1, 1955. A deposit on December 2, 1955 was made of \$362.87. Her balance as of December 19, 1955, was \$504.43.

Money checks drawn on the account in the month of December, 1955, were the following:

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<u>Date</u>	<u>Payee</u>	<u>Amount</u>	<u>Other Endorsements</u>
November 30, 1955	EMILY ALMAN	.35	
December 1, 1955	National Guardian	.2	
December 1, 1955	BOBBY PETERSON	.25	Pete and Oscar's Service Station 1701 Neptune Avenue Brooklyn
December 12, 1955	EMILY ALMAN	\$250	

The ledger sheets for January, 1956, reflected a balance on January 3, 1956, of \$498.51, a deposit of \$302.87 on January 4, 1956, and a balance on January 26, 1956, of \$597.80. (INFORMATION FROM T-15 ON 1-27-56)

Among checks drawn on the account in the month of January, 1956, were the following:

<u>Date</u>	<u>Payee</u>	<u>Amount</u>	<u>Other Endorsements</u>
December 25, 1955	Cash	.10	EMILY ALMAN
January 2, 1956	National Guardian	.2	
December 29, 1955	EMILY ALMAN	.15	
January 5, 1956	EMILY ALMAN	.25	
January 7, 1956	Empire State Herring Aid	\$ 9.60	Empire State Herring Aid Bureau, Inc.
January 10, 1956	EMILY ALMAN	.40	
January 19, 1956	Cash	.15	RHIL PETERSON Eastern Farms Products, Inc. Ozone Park.

Information from T-15 was obtained on a confidential basis and should not be made public except in a usual proceeding following the issuance of a subpoena.

The 1949 Report of the California Committee on Un-American Activities cited the "National Guardian" as a publication launched in New York in 1948 aiming at

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national circulation which they found to be from its inception notoriously Stalinist in its staff, writers, management and contents.

(1949 Report of the California Senate Fact-Finding Committee on Un-American Activities, Page 394).

On February 1, 1956, information was received from T-16, who has furnished reliable information in the past.

[REDACTED]

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On October 6, 1955, T-15, who has furnished reliable information in the past, furnished the ledger sheets for G. CELIA G. BROWNE checking account at the Manufacturers Trust Company, 230 Second Avenue, New York City. The ledger sheets reflected the following total deposits by "UNOW" in her checking account in the 1950-1954 period, which are set forth for comparative purposes:

Year	Figures furnished T-16	Total Deposits in Checking Account	Excess Total Deposits
[REDACTED]	[REDACTED]	18,395.70	[REDACTED]
[REDACTED]	[REDACTED]	6,309.54	[REDACTED]
[REDACTED]	[REDACTED]	9,200.63	[REDACTED]
[REDACTED]	[REDACTED]	9,736.45	[REDACTED]
[REDACTED]	[REDACTED]	10,162.84	[REDACTED]
[REDACTED]	[REDACTED]	43,803.16	[REDACTED]
[REDACTED] period	[REDACTED]		[REDACTED]

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The above figures reflect that BROWNE total deposits [REDACTED]

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T-16 also advised [REDACTED]

It is possible that [REDACTED]

Since 1-4 has advised the security team was not purchased until October, 1953, [REDACTED]

[REDACTED] if derived from interest and dividends from tax exempt securities paying a 3 per cent return would require an investment by AMNOF of approximately \$120,000 to equal an accumulated sum of approximately \$18,000 over the 1950-54 period.

T-16 furnished no information [REDACTED]

Interview of GEORGE KOHN and JEROME TROTT,  
Former Assistant Managers, Manufacturers Trust  
Company, 230 Second Avenue, New York City.

On January 31, 1956, GEORGE KOHN, Manager, Manufacturers Trust Company, 74th Street and First Avenue Branch, New York City, advised that he was assistant manager at the 14th Street Branch of this bank located at 230 Second Avenue, New York City, until 1953, and recalls that the organization known as the Home of the Sons and Daughters of Israel had an account at that bank, but that the only individual he ever had contact

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with there was BLANCHE HOFFMAN, who handled the payroll for the employees of the Home. KOEHN stated that he also recalls meeting the director of the Home, Mr. GELLEERT, on several occasions, but could offer no information concerning either HOFFMAN or GELLEERT. He stated that he did not know CECELIA G. FINE.

On February 3, 1956, JEROME TROTT, Manager, Connersie Branch, Manufacturers Trust Company, 9201 Flatlands Avenue, Brooklyn, New York, advised that he was formerly assistant manager at the 14th Street Branch of the Manufacturers Trust Company until 1953, but that he did not know CECELIA G. FINE and had had only infrequent contact with employees at the Home of the Sons and Daughters of Israel.

TROTT stated that he knew BLANCHE HOFFMAN, who handled the payroll and bookkeeping at the Home and that she was a very attractive woman of about thirty years of age. He stated that he was of the opinion that BLANCHE HOFFMAN knew about everything that happened at the Home and believed that she must listen in on telephone calls coming into the Home by means of an extension, because on several occasions she cut into telephone inquiries that he was conducting at the Home pertaining to personal business of the guests. TROTT stated that he recalls that in about 1949 the Home of the Sons and Daughters of Israel suffered a heavy loss of money in that the Rabbi, whose name he does not now recall, but who was then the director of the Home absconded with thousands of dollars of the Home's funds, which resulted in the subsequent hiring by the Home of a Mr. GELLEERT, the present director, to check into the Home's administrative practices and to make any needed reforms. TROTT said that he had no knowledge of GELLEERT's background and had little contact with him. TROTT stated that he did not know what the administrative set up of the Home was or how close HOFFMAN, and FINE, if she were then employed in the office, were to the succeeding director.

~~CONFIDENTIAL~~

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He said he was of the opinion that no inquiries concerning ARROW could be made at the Home without ARROW becoming cognizant thereof because there were only a few paid employees in the Home's office.

The Directory of Social Agencies of the City of New York, 1950-51 reflects a listing for the Home of the Sons and Daughters of Israel, 232 East 12th Street, New York City, with JAMES E. GELLENT, Executive Secretary, ARTHUR G. FLEHN, President, and MORRIS COHEN, Treasurer. The directory states that the Home is for men, women, and couples, 65 years of age or over and that admission is free or payable according to circumstances. The directory also listed JAMES E. GELLENT as Treasurer of the Emmanu-el Brotherhood, 309-11 East 6th Street, New York, New York.

The indices of the New York Division reflected no references to FLINGIE HOFFMAN.

- P -

~~CONFIDENTIAL~~



NY 65-16985

INFORMANTS

<u>Identity of Informant</u>	<u>Date of Activity and/or Description of Information</u>	<u>Date Received</u>	<u>Agent to whom Furnished Location</u>
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T-1

Information re  
activity of  
JULIUS ROSENBERG

1/3/51  
3/19/51  
4/11/51  
6/1/51  
6/2/51

SAS WILLIAM 65-  
P. NORTON & 15348  
JOHN A.  
HARRINGTON

T-2

Used to document ILP.

(by request)

T-3

Used to document ILP

T-4

RE purchase of  
ALLEN home

12/30/54  
2/7/55


H. WEY M. 65-  
JOHNSON 15348-  
2736

(by request)

ADMINISTRATIVE PAGE

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INFORMANTS (CONT'D)

<u>Identity of Informant</u>	<u>Date of Activity and/or Description of Information</u>	<u>Date Received</u>	<u>Agent to Whom Furnished</u>	<u>Location</u>
T-5 Bureau of Public Debt, Division of Loans and Currency, 536 S. Clark St., Chicago, Ill.		11/7/55	SA RICHARD T. HRADESKY	65-16985- 11-4

*66  
Bureau Public  
Debt*

T-6 Mr. GILGUE, and safe deposit Asst. Mgr., boxes Corn Exchange Bank, 123 Canal St., NYC	Info re accounts	1/26/56	"	Instant Report
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T-7 Mr. SMITH, Asst. Mgr., First Fed. Savings & Loan Assn., 237 1st Ave., NYC		1/27/56	"	"
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T-8 Mr. HUGHES, and safe deposit Asst. Chief box holders Clerk, Bowery Savings Bank, North River Branch, 206- 212 W. 34 St., NYC	Info re bank accts	1/31/56	"	"
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ADMINISTRATIVE PAGE (CONT'D)

NY 65-16985

INVESTIGATIONS (CONT'D)

Identity of Informant	Date of Activity and/or Description of Information	Date Received	Agent to Whom Furnished	Location
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T-9 Mr. DRYDEN, Asst. Mgr., Chase Manhattan Bank, 1200 Madison Ave., NYC	Info re bank acct. and safe deposit box holders	1/31/56	SA RICHARD T. HRADSKY	Instant Report
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T-10 C. L. BERTON, Natl. City Bank, Broadway Branch, NYC	"	2/5/56	"	"
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T-11 Mr. SCIACCA, Asst. Mgr., Mfgs Trust Co., 100 Park Row, NYC	"	"	"	"
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T-12 Miss C. J. BERNARD, Credit Dept., Bankers Trust Co., 10 Wall St., NYC	"	2/16/56	"	"
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T-13 Mr. J. J. TROMBDO, Comm. Sec., Dept., 1st Natl Bank, Madison, Wisc.	"	1/13/56	SA ARTHUR F. BAIER	"
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ADMINISTRATIVE PAGE (CONT'D)

NY 65-16985

INFORMANTS (CONT'D)

Identity of Informant	Date of Activity and/or Description of Information	Date Received	Agent to Whom Furnished	Location
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T-14 CEDRIC PARKER, City Editor, "Capitol Times," Madison, Wisc.	CP activities of PETERSON	5/10/54	SAS MARTIN L. CROAK & ALEXANDER D. HANSON	Instant Report
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T-15 FRED FULLER, Asst. Mgr., Mfgs. Trust Co., 237 2nd Ave., NYC	Info re checking account of CECELIA G. ARNOW	12/28/55; 1/27/56 10/6/55	S. RICHARD T. HRADESKY	" 65-16985-8
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T-16  
I.S. Bureau  
of Internal  
Revenue,  
Dept. of  
Treasury

FEB. 1,  
1956

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IES

ADMINISTRATIVE PAGE (CONT'D)

NY 65-16985

Careful consideration has been given to each source concealed and T symbols were utilized only where deemed necessary.

ADMINISTRATIVE

T-16 also advised [REDACTED]

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According to INS records at the Hall of Records, NY, NY, checked on 11/3/55 by SA RICHARD T. HRADSKY, CECILIA G. ARFOR, maiden name CECILIA GREENSTONE, was born in Russia, 11/8/36, and was therefore 65 years old in 1951.

LEADS

NEWARK

At Newark, New Jersey

Will ascertain if the Almon Poultry Farm is registered under that trade name in Englishtown, New Jersey, and if it is operating as a business.

Will check usual source of information to ascertain names of persons having a financial interest in the company as well as its current financial condition.

NEW YORK

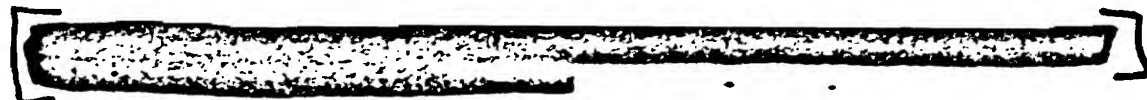
At New York, New York

Will endeavor to ascertain [REDACTED]

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IES

ADMINISTRATIVE PAGE (CONT'D)

NY 65-16985



b3  
HRS

Will continue to determine if ARNOW has present sources of income other than her salary derived from the Home of the Sons and Daughters of Israel.

Will at Knickerbocker Village Rental Office endeavor to ascertain if its records reflect any information pertaining to the financial status of CECELIA G. ARNOW.

REFERENCE

Report of SA RICHARD T. BRADSKY, 12/28/55, NY.

ADMINISTRATIVE PAGE (CONT'D)

## FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE <b>NEW YORK</b>	OFFICE OF ORIGIN <b>NEW YORK</b>	DATE <b>2/29/56</b>	INVESTIGATIVE PERIOD <b>12/28/55; 1/13, 19, 24 26/56 28, 31; 2/1, 3, 8, 13, 16, 17/56</b>
TITLE OF CASE <b>UNKNOWN SUBJECTS: Recipients of Leica Camera and \$7000 from ETHEL ROSENBERG, June, 1950</b>		REPORT MADE BY <b>RICHARD T. BRADSKY</b>	TYPED BY <b>axm</b>
		CHARACTER OF CASE <b>ESPIONAGE - R</b>	

## SYNOPSIS:

Investigation conducted at banks at which CECILIA G. ARNOW and DAVID and EMILY ALMAN purchased or redeemed U.S. Savings Bonds revealed no record of either as a current or closed account or as a safe deposit box holder. T-16 submitted

[REDACTED] total deposits in ARNOW'S/ checking account at Manufacturers Trust Company, 230 Second Ave., NYC, for the [REDACTED] period reflects [REDACTED] of total deposits of [REDACTED] Former assistant manager at Manufacturers Trust Company, 230 2nd Ave., NYC, Branch, advised that former director of the Home of the Sons and Daughters of Israel, ARNOW'S employer, absconded with thousands of dollars of the Home's funds in about 1949.

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IRS

- P -

APPROVED	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE:		65-16985-20	
5 - Bureau (65-63615) (RM)			
2 - Newark (RM)			
③ - New York (65-16785)			

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DETAILS:

Information has been received from T-1, who has furnished reliable information in the past, but whose background is questionable, that JULIUS ROSENBERG claimed to have had \$7000 in cash and a Leica camera in his apartment at the time he was first questioned by Federal Bureau of Investigation (FBI) Agents on June 16, 1950.

ROSENBERG stated that he refused to give the Agents permission to search his apartment, and that evening upon his return to the apartment he took the \$7000 and the Leica camera and gave them to his wife, ETHEL. The next morning ETHEL ROSENBERG removed the \$7000 and Leica camera in a brown paper shopping bag and brought them to the apartment of a Communist Party (CP) member who also lived in Knickerbocker Village (10-40 Monroe Street, New York 2, New York.) ROSENBERG stated that the friend was not aware of the contents of the brown paper shopping bag and was merely safeguarding it for the ROSENBERGS until they returned to claim it.

ROSENBERG described the recipients of the camera and the \$7000 as staunch friends who had two children and lived in Knickerbocker Village.

The husband was thinking of buying a home and was a member of the American Labor Party (ALP) in that section.

JULIUS and ETHEL ROSENBERG were convicted on March 29, 1951, in the U.S. District Court, Southern District of New York, for conspiracy to commit espionage in behalf of the Soviet Union. On April 5, 1951, they were sentenced to death, and on June 19, 1953, were legally executed at Sing Sing Prison, Ossining, New York.

T-2, who has furnished reliable information in the past, advised on September 9, 1954, that from the time of its inception in 1936, there existed within the ALP a struggle for power among three groups. These were the CP, the Socialist Party and the Social Democrats. By the early 1940's the CP emerged as the controlling force within the ALP in the major industrial areas



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around Albany, Buffalo, Jamestown, Rochester, Schenectady, Syracuse, Troy, the Hudson River Valley, Columbia, Dutchess, Nassau and Westchester Counties and New York City, with the exception of Brooklyn. In 1942 the CP was able to capture the ALP in Brooklyn. T-2 knew this situation to continue up until at least 1949. The ALP never developed into an organization of any real consequence in the non-industrial areas of New York State.

T-3, who has furnished reliable information in the past, advised on May 9, 1955, that the CP today, as in the past, through its members in key positions in the ALP, constitutes the force that controls it.

The CP has been designated by the Attorney General of the United States pursuant to Executive Order 10450.

DAVID and EMILY ALMANN, Knickerbocker Village residents in 1950, are possible recipients of the Leica camera and the \$7000.

T-4, who is familiar with legal matters pertaining to the purchase of a home in Englishtown, New Jersey, by DAVID and EMILY ALMANN, advised on December 30, 1954, that the purchase took place during October, 1953. He advised that the price was \$13,500 and the ALMANNs furnished a mortgage in the amount of \$8900 and cash in the amount of \$4600. He stated that the title to this property is in the names of EMILY and DAVID ALMANN and CECELI ARNOW, whom T-4 identified as EMILY ALMANN's mother.

T-4 also stated on February 7, 1955, that a \$2000 second mortgage was negotiated by the ALMANNs at the time that they purchased their present residence.

The records of the Middlesex County Clerk's Office, Middlesex County Court House, New Brunswick, New Jersey, were checked by ST. ROLLO V. CLARK, JR., on February 18, 1955, and Discharge Book number 22, page 222,

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reflected that the mortgage given by DAVID ALMAN, EMILY ALMAN and CECELIA ARNOW was discharged on May 24, 1954, which discharge was recorded on June 19, 1954.

At the Municipal Reference Library, Municipal Building, New York, New York, the list of enrolled voters for the year 1950, Second Assembly District, 7th Election District of Manhattan, as checked by SA RICHARD T. IMRADSKY, February 17, 1956 reflected that DAVID and EMILY ALMAN, 20 Monroe Street, New York, New York, were enrolled as voters of the ALP ticket.

Investigation to Locate Bank Accounts

On November 7, 1955, information was received from T-5, who has furnished reliable information in the past, reflecting that CECELIA G. ARNOW and EMILY and DAVID ALMAN had either purchased or redeemed U.S. Savings Bonds at the banking institutions mentioned below. Investigation was conducted to locate checking or savings accounts or safe deposit boxes there and to check for any large deposits or withdrawals, and the sources of the funds if located.

On January 26, 1956, T-6, who has furnished reliable information in the past, advised that the records of the Corn Exchange Bank, 423 Canal Street, New York City, reflected no record of an open or closed account ever maintained by CECELIA G. ARNOW or DAVID or EMILY ALMAN at this institution or any record of them as holders of safe deposit boxes.

On January 27, 1956, T-7, who has furnished reliable information in the past, advised that no record of the names CECELIA G. ARNOW or EMILY or DAVID ALMAN could be located as a current or closed account or safe deposit holders in the records of the First Federal Savings and Loan Association, 237 First Avenue, New York City.

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On January 31, 1956, T-8, who has furnished reliable information in the past, advised that the records of North River Branch of the Bowery Savings Bank, 206-212 West 34th Street, New York City, reflect no current or closed account or a record of a safe deposit box holder, in the name of CECELIA G. ARNOW.

On the same date, T-9, who has furnished reliable information in the past, advised that there was no record of a current or closed account or a safe deposit box in the name of EMILY or DAVID LILMAN located in the files of the Chase Manhattan Bank, 1040 Madison Avenue, New York, New York, Branch.

On February 8, 1956, T-10, who has furnished reliable information in the past, advised that no record of a closed or current account or safe deposit box application for DAVID or EMILY LILMAN was noted in the files of the National City Bank, Broadway Branch, New York, New York.

On February 8, 1956, T-11, who has furnished reliable information in the past, advised that no record was located for EMILY or DAVID LILMAN in the current or closed account records or as a holder of a safe deposit box at the Manufacturers Trust Company, 100 Park Row, New York, New York.

On February 16, 1956, T-12, who has furnished reliable information in the past, advised that the Public National Bank was merged with the Bankers Trust Company in 1955, and that the files of the Bankers Trust Company, 16 Wall Street, New York City, reflect no record of the name of DAVID or EMILY LILMAN as current or closed accounts or as safe deposit box holders.

On January 13, 1956, T-13, who has furnished reliable information in the past, advised that CECELIA G. ARNOW had never had a savings or checking account at the First National Bank, Madison, Wisconsin, nor is there any record of her ever having rented a safe deposit box.

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Information obtained from T-6 through T-13 was furnished on a confidential basis and should not be made public except in the usual proceedings following the issuance of a subpoena.

Information re RUTHIL A. PETERSON, daughter  
of CECILIA G. ARNOW

On January 13, 1956, SA ARTHUR F. BIER of the Milwaukee Division conducted the following investigation:

The Madison City Directory for the year 1943, lists a RALPH (ROBBY) PETERSON as a teacher residing at 1015 University Avenue, Madison, Wisconsin.

The 1942-1943 University of Wisconsin Directory lists a RUTHIL A. PETERSON as a fourth year Bachelor of Arts student and her Madison, Wisconsin, residence as 1015 University Avenue.

Records of the Registrar's Office at the University of Wisconsin as made available by DONALD KLEVENARD, contains an admission record filed September 15, 1938, by RUTHIL ARNOW, born July 21, 1919, at New York City, which lists her permanent address as 40 Monroe Street, New York City, and indicates her mother and father's nationality as Russian. She identified her parent as CECILIA G. ARNOW, a social worker of 40 Monroe Street, New York City, and under the heading of preparatory schools attended listed McComb Junior High School and the Julia Richman High School in New York City.

The records of the Registrar's Office contains a notification of change of name under the date of April 16, 1940, to the name of RUTHIL PETERSON. The files also contain a letter to University authorities from RUTHIL ARNOW claiming legal residence in Wisconsin by virtue of her marriage to RALPH PETERSON.

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This letter indicates that RALPH PETERSON conducted a weekly paper at Plum City in Pierce County, Wisconsin, and that in April, 1941, he moved to Hudson, Wisconsin, where he conducted a job printing business. A transcript of RAHIL ANNOW, reflects that she matriculated at the University of Wisconsin September 30, 1938, and graduated with a Bachelor of Arts degree on March 19, 1947, completing her requirements for a degree by correspondence courses. The file reflects that copies of the transcripts were sent to the University of Minnesota on May 28, 1941, and later to the New York Municipal Civil Service and also to the Domestic Relations Court on January 25, 1951, place not indicated.

T-14, who has furnished reliable information in the past, advised on May 10, 1954, that he first met RALPH PETERSON about 1937, at which time PETERSON appeared to be a well-established member of the CP in Wisconsin, probably on a state-at-large membership basis; that PETERSON appeared to travel frequently at that time and that he attended several meetings of both the Town and University branches of the CP at Madison, Wisconsin, and gave the impression, upon occasion, of bringing instructions to these branches. He was described as a fanatic follower of Communism, who justified every act made by the Party on the basis of the Party line and who spoke in admiring terms of the Proletariat and Revolution to the point where informant doubted that he was completely sound mentally.

PETERSON, according to T-14, has been married twice. Informant had no information concerning the activities of his wives.

Efforts to verify the marriage and divorce of RALPH PETERSON and RAHIL ANNOW through the records of the Bureau of Vital Statistics, State of Wisconsin, at Madison, Wisconsin, on January 19, 1956, were negative.

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Captain J. H. HAMILTON, Madison Police Department, furnished the following information from the police files:

RALPH EDWARD PETERSON, variously described as a writer, radio broadcaster, and cab driver, was born on June 9, 1916, Rhinelander, Wisconsin, and held cab license 7123, now inactive, and worked as a cab driver for City Car Company in May, 1952; the Yellow Cab Company in May and June, 1952; and the Checker Cab Company, Madison, Wisconsin, in July, 1952.

R. LPH LDW RL PETERSON had the following criminal record:

April 9, 1945  
August 3, 1946  
February 11, 1954

~~Detained - 10 days - 1945~~  
~~Drunk - 1946~~  
Reported to the Police Department  
that his wife, Mrs. CLARE HENRIET  
SLOAN TOLSON, left home 6/5/47 and  
was emotionally disturbed at that  
time because of financial difficulties  
between the couple.

The following description of PETERSON appeared in the Police Department files:

Date of Birth	June 9, 1916
Place of Birth	Rhinelandor, Wisconsin
Height	6 feet 3 inches
Weight	173 pounds
Build	Slender
Hair	Dirty blond, straight
Eyes	Blue
Complexion	Medium

It is noted that RUTH E. SNOW PETERSON gave as her permanent residence, 40 Monroe Street in 1938, when she entered the University of Wisconsin. At the Municipal Reference Library, Municipal Building, New York City, the list of enrolled voters for the year 1937.

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First Assembly District, 14th Election District, Manhattan, as checked by SA RICHARD T. HRADESKY on February 17, 1956, reflects that CECILIA G. JONOW, 40 Monroe Street, New York City, was enrolled as a voter of the ALP ticket. (It is noted that CECILIA G. JONOW's name was spelled CECILIA G. JONOW in this election.)

No record of registration of JONOW was listed in 1938 at 40 Monroe Street, New York City.

The Board of Election Records for the year 1940, 4th Assembly District, Manhattan, as checked by SA NORMAN R. ROBERTSON on December 2, 1955, reflected that CECILIA G. JONOW resided at 57 Cannon Street, New York, New York, Apartment 14. She described herself as a widow, age 31 plus, 34 years in city and state, 1 year in election district, employed at 283 Livingston Street, as a social worker.

The list of registered voters at the Municipal Reference Library, 4th Assembly District, 11th Election District, as checked by SA RICHARD T. HRADESKY on February 17, 1956, reflected that in 1941 CECILIA G. JONOW and DAVID and EMILY ALMAN all registered as residents of 277 Livingston Street, New York, New York.

#### Banking Information

On December 28, 1955, T-15, who has furnished reliable information in the past, advised that the ledger sheets of CECILIA G. JONOW'S checking account at the Manufacturers Trust Company, 230 Second Avenue, New York, New York, reflected a balance of \$667.64 on December 1, 1955. A deposit on December 2, 1955 was made of \$362.87. Her balance as of December 19, 1955, was \$504.43.

Monetary checks drawn on the account in the month of December, 1955, were the following:

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<u>Date</u>	<u>Payee</u>	<u>Amount</u>	<u>Other Endorsements</u>
November 30, 1955	EMILY ALMAN	.35	
December 1, 1955	National Guardian	.2	
December 1, 1955	BOBBY PETERSON	.25	Pete and Oscar's Service Station 1701 Neptune Avenue Brooklyn
December 12, 1955	EMILY ALMAN	\$250	

The ledger sheets for January, 1956, reflected a balance on January 3, 1956, of \$498.51, a deposit of \$362.87 on January 4, 1956, and a balance on January 26, 1956, of \$597.80. (INFORMATION FROM T-15 ON 1-27-56)

Among checks drawn on the account in the month of January, 1956, were the following:

<u>Date</u>	<u>Payee</u>	<u>Amount</u>	<u>Other Endorsements</u>
December 25, 1955	Cash	.10	EMILY ALMAN
January 2, 1956	National Guardian	.2	
December 29, 1955	EMILY ALMAN	.15	
January 5, 1956	EMILY ALMAN	.25	
January 7, 1956	Empire State Herring Aid	\$ 9.60	Empire State Herring Aid Bureau, Inc.
January 10, 1956	EMILY ALMAN	.40	
January 19, 1956	Cash	.15	R. HIL PETERSON Eastern Farms Products, Inc. Ozone Park.

Information from T-15 was obtained on a confidential basis and should not be made public except in a usual proceeding following the issuance of a subpoena.

The 1949 Report of the California Committee on Un-American Activities cited the "National Guardian" as a publication launched in New York in 1948 aiming at



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national circulation which they found to be from its inception notoriously Stalinist in its staff, writers, management and contents.

(1949 Report of the California Senate Fact-Finding Committee on Un-American Activities, Page 394).

On February 1, 1956, information was received from T-16, who has furnished reliable information in the past, [REDACTED]

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On October 6, 1955, T-15, who has furnished reliable information in the past, furnished the ledger sheets for C. C. E. I. G. BROWNE checking account at the Manufacturers Trust Company, 230 Second Avenue, New York City. The ledger sheets reflected the following total deposits by BROWNE in her checking account in the 1950-1954 period, which are set forth for comparative purposes:

Year	Period furnished T-16	Total Deposits in Checking Account	Excess Total Deposits
[REDACTED]	[REDACTED]	28,395.70	[REDACTED]
[REDACTED]	[REDACTED]	6,509.54 (January- February not included)	[REDACTED]
[REDACTED]	[REDACTED]	9,200.63	[REDACTED]
[REDACTED]	[REDACTED]	9,736.45	[REDACTED]
[REDACTED]	[REDACTED]	10,162.84	[REDACTED]
[REDACTED]	[REDACTED]	243,803.16	[REDACTED]

period

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The above figures reflect that BROWNE total deposits [REDACTED]

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T-16 also advised [REDACTED]

It is possible that [REDACTED]

Since A-1 has advised the identity of the person who was not purchased until October, 1953, [REDACTED]

[REDACTED] if derived from interest and dividends from tax exempt securities paying a 3 per cent return would require an investment by A-1 of approximately \$120,000 to equal an accumulated sum of approximately \$18,000 over the 1950-54 period.

T-16 furnished no information [REDACTED]

Interview of GEORGE KOHN and JEROME TROTT,  
Former Assistant Managers, Manufacturers Trust  
Company, 230 Second Avenue, New York City.

On January 31, 1956, GEORGE KOHN, Manager, Manufacturers Trust Company, 74th Street and First Avenue Branch, New York City, advised that he was assistant manager at the 14th Street Branch of this bank located at 230 Second Avenue, New York City, until 1953, and recalls that the organization known as the Home of the Sons and Daughters of Israel had an account at that bank, but that the only individual he ever had contact

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with there was BLANCHE HOFFMAN, who handled the payroll for the employees of the Home. KOEHN stated that he also recalls meeting the director of the Home, Mr. GELLENT, on several occasions, but could offer no information concerning either HOFFMAN or GELLENT. He stated that he did not know CECELIA G. ARNOW.

On February 3, 1956, JEROME TROTT, Manager, Conersie Branch, Manufacturers Trust Company, 9201 Flatlands Avenue, Brooklyn, New York, advised that he was formerly assistant manager at the 14th Street Branch of the Manufacturers Trust Company until 1953, but that he did not know CECELIA G. ARNOW and had had only infrequent contact with employees at the Home of the Sons and Daughters of Israel.

TROTT stated that he knew BLANCHE HOFFMAN, who handled the payroll and bookkeeping at the Home and that she was a very attractive woman of about thirty years of age. He stated that he was of the opinion that BLANCHE HOFFMAN knew about everything that happened at the Home and believed that she must listen in on telephone calls coming into the Home by means of an extension, because on several occasions she cut into telephone inquiries that he was conducting at the Home pertaining to personal business of the guests. TROTT stated that he recalls that in about 1949 the Home of the Sons and Daughters of Israel suffered a heavy loss of money in that the Rabbi, whose name he does not now recall, but who was then the director of the Home absconded with thousands of dollars of the Home's funds, which resulted in the subsequent hiring by the Home of a Mr. GELLENT, the present director, to check into the Home's administrative practices and to make any needed reforms. TROTT said that he had no knowledge of GELLENT's background and had little contact with him. TROTT stated that he did not know what the administrative set up of the Home was or how close HOFFMAN and ARNOW, if she were then employed in the office, were to the ascending director.

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He said he was of the opinion that no inquiries concerning ANKOW could be made at the Home without ANKOW becoming cognizant thereof because there were only a few paid employees in the Home's office.

The Directory of Social Agencies of the City of New York, 1950-51 reflects a listing for the Home of the Sons and Daughters of Israel, 232 East 12th Street, New York City, with JAMES E. GELLENT, Executive Secretary, ARTHUR G. FLEIN, President, and MORRIS COHEN, Treasurer. The directory states that the Home is for men, women, and couples, 65 years of age or over and that admission is free or payable according to circumstances. The directory also listed JAMES E. GELLENT as Treasurer of the B'nai-B'rith Brotherhood, 309-11 East 6th Street, New York, New York.

The indices of the New York Division reflected no references to PLUCIE HOFFMAN.

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INFORMANTS

Identity of Informant	Date of Activity and/or Description of Information	Date Received	Agent to whom Furnished Location
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T-1 [REDACTED]	Information re activity of JULIUS ROSENBERG	1/3/51 3/19/51 4/11/51 6/1/51 6/2/51	SAS WILLIAM 65- F. NORTON & 15348 JOHN A. HARRINGTON
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T-2 [REDACTED]	Used to document ALP.		
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(by request)

T-3 [REDACTED]	Used to document ALP		
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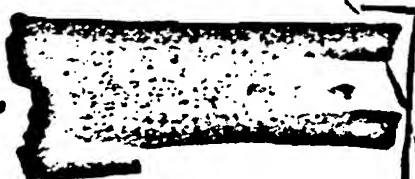
T-4 [REDACTED]	RE purchase of ALP's home	12/30/54 2/7/55	H. VEY M. 65- JOHNSON 15348- 2736
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(by request)

ADMINISTRATIVE PAGE

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REPORTS (CONT'D)

<u>Identity of Informant</u>	<u>Date of Activity and/or Description of Information</u>	<u>Date Received</u>	<u>Agent to Whom Furnished</u>	<u>Location</u>
T-5 Bureau of Public Debt, Division of Loans and Currency, 536 S. Clark St., Chicago, Ill.		11/7/55	SA RICHARD T. HRADSKY	65-16985-11-4
b6 b7C b7D Public Debt				
T-6 Mr. GILGUE, and safe deposit Asst. Mgr., boxes Corn Exchange Bank, 123 Canal St., NYC	Info re accounts	1/26/56	"	Instant Report
T-7 Mr. SMITH, Asst. Mgr., First Fed. Savings & Loan Assn., 237 1st Ave., NYC		1/27/56	"	
T-8 Mr. HUGHES, and safe deposit Asst. Chief box holders Clerk, Bowery Savings Bank, North River Branch, 206-212 W. 3rd St., NYC	Info re bank accts	1/31/56	"	

ADMINISTRATIVE PAGE (CONT'D)

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INVESTIGATIONS (CONT'D)

Identity of Informant	Date of Activity and/or Description of Information	Date Received	Agent to Whom Furnished	Location
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T-9 Mr. DEY, and Asst. Mgr., Chase Manhattan Bank, 1300 Madison Ave., NYC	Info re bank acct. and safe deposit box holders	1/31/56	SA RICHARD T. HRADSKY	Instant Report
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T-10 C. L. BAKER, Natl. City Bank, Broadway Branch, NYC		2/1/56		
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T-11 FRANCISCA, Asst. Mgr., Mfgs Trust Co., 100 Park Row, NYC				
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T-12 MISS CUNNINGHAM, Credit Dept., Bankers Trust Co., 10 Wall St., NYC		2/16/56		
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T-13 Mr. F. BAIER, Commercial Dept., 1st Natl Bank, Madison, Wisc.		1/13/56	SA ARTHUR F. BAIER	
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ADMINISTRATIVE PAGE (CONT'D)

NY 65-16985

REPORTS (CONT'D)

<u>Identity of Informant</u>	<u>Date of Activity and/or Description of Information</u>	<u>Date Received</u>	<u>Agent to Whom Furnished</u>	<u>Location</u>
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T-14 CECIL PARKER, City Editor, "Capitol Times," McGraw, N.Y.C.	CP activities of PETERSON	5/10/54	SAS MARTIN L. CROAK & ALEXANDER D. HANSON	Instant Report
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T-15 FRED WULLER, Asst. Mgr., Mfgs. Trust Co., 237 2nd Ave., N.Y.C.	Info re checking account of CECELIA G. ARNOW	12/28/55; 1/27/56 10/6/55	S. RICHARD T. HRADESKY	65-16985-8
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T-16  
I.S. Bureau  
of Internal  
Revenue,  
Dept. of  
Treasury

FEB. 1,  
1956

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ADMINISTRATIVE PAGE (CONT'D)



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Careful consideration has been given to each source concealed and T symbols were utilized only where deemed necessary.

INITIATIVE

T-10 also advised [REDACTED]

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According to INS records at the Hall of Records, NY, NY, checked on 11/3/55 by SA RICHARD T. HRADSKY, CECILIA G. ARFON, maiden name CECILIA GREENSTONE, was born in Russia, 11/8/36, and was therefore 65 years old in 1951.

LEADS

NEWARK

At Newark, New Jersey

Will ascertain if the Almen Poultry Farm is registered under that trade name in Englishtown, New Jersey, and if it is operating as a business.

Will check [REDACTED] source of information to ascertain names of persons having a financial interest in the company as well as its current financial condition.

NEW YORK

At New York, New York

Will endeavor to ascertain [REDACTED]

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INITIATIVE PAGE (CONT'D)

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[REDACTED] b3  
IRS

Will continue to determine if ARNOW has present sources of income other than her salary derived from the Home of the Sons and Daughters of Israel.

Will at Knickerbocker Village Rental Office endeavor to ascertain if its records reflect any information pertaining to the financial status of CECELI G. ARNOW.

REFERENCE

Report of SA RICHARD T. BRADSKY, 12/28/55, NY.

ADMINISTRATIVE PAGE (CONT'D)

Julius Rosenberg Et. AL.

Multiple Referral

NAVAL INVESTIGATIVE SERVICE

U.S. ARMY INTELLIGENCE

U.S. AIR FORCE / O.S.I.

No. 44

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**AGENCIES--**

ARMY  
NAVY  
AIR FORCE

### **MULTIPLE REFERRAL**

**Reviewed by:**

"SEE REFERENCE"

**PACKET #**

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**No. of Pages**

**Actual Released**

[illegible]

APPEAL ADDRESSES

Adjutant General

Office of the Secretary of the Army  
Attention: General Counsel  
Washington, D. C. 20310

Air Force

Secretary of the Air Force  
c/o AFOSI/DADF  
Washington, D. C. 20314

Agriculture

Mr. Thomas F. McBride  
Inspector General  
United States Department of Agriculture  
Room 247E  
Administration Building  
Washington, D. C. 20250

Army

Office of the Secretary of the Army  
Attention: General Counsel  
Washington, D. C. 20310

Bureau of Alcohol, Tobacco and Firearms

Assistant to the Director  
Room 2232  
Bureau of Alcohol, Tobacco and Firearms  
12th and Pennsylvania Avenue, N. W.  
Washington, D. C. 20226

APPEAL ADDRESSES

National Archives and Records Service

Dr. James E. O'Neill  
Deputy Archivist  
National Archives and Records Service  
Washington, D. C. 20408

National Labor Relations Board

Office of Appeals  
National Labor Relations Board  
1717 Pennsylvania Avenue, N. W.  
Washington, D. C. 20570

Naval Investigative Service

Judge Advocate General (Code 14L)  
Department of the Navy  
Washington, D. C. 20370

Naval Records Management

Judge Advocate General (Code 14L)  
Department of the Navy  
Washington, D. C. 20370

Office of Naval Intelligence

Judge Advocate General (Code 14L)  
Department of the Navy  
Washington, D. C. 20370

Passport

Ms. Barbara Ennis  
Freedom of Information Staff  
Office of Public Affairs  
Department of State  
Washington, D. C. 20520

RE: REEVES INSTRUMENT CORP., VITAL FACILITY  
REEVES ELY LABORATORIES, INC.

[REDACTED]

[REDACTED]

[REDACTED]

APR 2 1951  
Shrader

MORTON SOBELL

Re report of REX I. SHRODER dated 8-5-50 entitled "MORTON SOBELL, was. Espionage R."

THOMAS J. REILLY, Personnel Manager, Reeves stated SOBELL was employed as an electrical engineer since 6-16-47.

By letter dated 2-11-49 from Air Provost Marshall, Inspector General's Office, permission was granted for Reeves authorizing SOBELL to have access to all information up to and including top secret classifications. Letter dated 1-31-50 from Inspector General's office authorized the subject's access to information up to and including secret classifications.

SOBELL last reported for work on Friday, 6-16-50 at Reeves although he was carried on the payroll for some time thereafter.

Commander KLAKE, DIO, Third Naval District advised that after clearance had been issued in February, 1949 a summary of the derogatory information in DIO's files was submitted to the Army, Navy, Air Force Personnel Board and a certificate of denial of access to classified material was issued concerning SOBELL. SOBELL appealed from the issuance of this certificate to the Industrial Employment Review Board which reversed the decision of the Army, Navy, Air Force Personnel Board and granted SOBELL clearance up to and including Top Secret classification.

The records of G-2, 1st Army, reflected that SOBELL was investigated in 1947 for clearance for access to Secret Navy contracts held by Reeves Instrument Co. G-2 performed a local agency check which resulted in no derogatory information being developed. G-2 reported this fact to DIO, N.Y. November 19, 1947. On Feb. 16, 1948 G-2 file reflected derogatory information furnished by the FBI, Washington, DC on HELEN GUREWITZ, subjects wife's name by a previous marriage. Following this the Department of Army, PMG Section returned SOBELL's case to 1st Army for a current investigation stating that the Army, Navy, Air Force Personnel Security Board desired more recent information prior to taking any action. Following this, Colonel ARBOTT, G-2 asked for a reconsideration of this request on the grounds that available evidence was definitely derogatory and the investigation came within the FBI's jurisdiction only. The next pertinent serial in the file reflected that on Sept. 19, 1950 a letter from the Army, Navy, Air Force Personnel Security Board advised that in relation to the consent previously granted Jan. 12, 1949 for access to Secret matter in regard to SOBELL was decided as follows: "After full consideration of all the records and information furnished to this board it is believed that the subject's continued access to classified material would be inimical to the best interests of the United States for the reason subject is a member of the Communist Party and under prosecution by the Federal Government for conspiracy". The letter then directed that a letter revoking grant of consent for subject's access to classified material be issued to the employer.



MAX ELITCHER

New York files reflect that ELITCHER resigned from the Bureau of Ordnance, Navy Department on 9-30-48 and he was employed at Reeves Instrument Corp. on 10-6-48 and resigned on March 2, 1951.

NAVY Butel to N.Y. dated 2-27-51 re MAX ELITCHER, HELEN ELITCHER, ESP. - R. advised Commander GLENN, Buord, U.S.N. states no recent orders to Reeves to Discharge ELITCHER. Last November he told DAVID BONNER, President of Reeves that Reeves could not be given any more Navy contracts unless ELITCHER and another employee named REESE were discharged.

N.Y. teletype to Bureau dated 2-17-51. ELITCHER advised that LARRY LEVINE, His superior told him that Navy Department would not grant ELITCHER clearance to work on classified data at Reeves and asked ELITCHER for his resignation. ELITCHER was instructed by LEVINE to submit his resignation Monday, 2-19-51 to be effective two weeks from that date.

Navy Department withheld clearance for ELITCHER due to the Bureau's investigation of ELITCHER. It was ascertained that ELITCHER submitted his resignation March 2, 1951.

NAVY  
ARMY Butel 3-2-51. Advised ONI was informed of results of ELITCHER investigation. OSI and G-2 advised of ELITCHER's admitted membership in CP in Washington, DC and of attempts of ROSENBERG and SOBELL to recruit him for Soviet Espionage. Bureau stated further dissemination in this investigation would be made at Bureau and should not be made locally.

No derog info in  
file until Sobell case

Julius Rosenberg Et AL.

Multiple Referral

COAST GUARD

BUREAU OF PRISONS

PASSPORT OFFICE

---

No.

45

**AGENCIES--** Coast Guard  
Bureau of Prisons  
Passport

**MULTIPLE REFERRAL**

Reviewed by: RJC/Y3R

PACKET # 45

[illegible]

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United States Commerce Department  
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United States Customs Service  
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Freedom of Information Staff  
Office of Public Affairs  
Department of State  
Washington, D. C. 20520

# FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE NEW YORK	OFFICE OF ORIGIN NEW YORK	DATE 1/5/59	INVESTIGATIVE PERIOD 1/19 - 7/20/59
TITLE OF CASE: <del>CHANGED</del> GLORIA AGRIN JOSEPHSON, nee GLORIA AGRIN, MRS. BARNEY PAUL JOSEPHSON, aka.,		REPORT MADE BY HENRY C. RUDA	TYPED BY mad
		CHARACTER OF CASE  SECURITY MATTER - C	

## SYNOPSIS

The title of this case is being marked changed so as to reflect the subject's marriage name inasmuch as she married BARNEY PAUL JOSEPHSON on 8/10/56.

## REFERENCES

Report of SA BRYAN J. MOGEN dated 1/14/53, at NY.  
NY letter to the Bureau dated 1/30/59.

- C -

## ADMINISTRATIVE

In the report of SA THOMAS H. ZOELLER dated 6/14/51, captioned "MORTON STAVIS, aka; IS-R; ISA OF 1950," at New York information was furnished in June, 1951, by [REDACTED] reflecting that among subscribers to telephone numbers called from the

b7d

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 4 - Bureau (100-398044) (RM) 3 - New York (100-109536)		100-109536-150	

100 Chicago USA  
11-9-60 JWH

NY 100-109536

ADMINISTRATIVE (CONT'D)

office of MORTON STAVIS was the following: RE 2-9361.  
This telephone was listed to MARY KAUFMAN and GLORIA AGRIN,  
Attorneys, 41 Broadway, New York City.

[REDACTED] b1

It is not known if GLORIA (LNU), above, is  
identical with the subject.

[REDACTED] b1

On 3/23/56, [REDACTED] advised that in the early  
1950's there were many CP members in positions of leadership b2d  
in the NLG. Among those individuals who the informant  
believed to be CP members, but could not say so from direct  
knowledge, was the following: GLORIA AGRIN.

[REDACTED] b1

[REDACTED] b1

COVER PAGE



NY 100-109536

ADMINISTRATIVE (CONT'D)

[REDACTED] b1

[REDACTED] b1

[REDACTED] b1

[REDACTED] b1

[REDACTED] b1

COVER PAGE

NY 100-109536

ADMINISTRATIVE (CONT'D)

[REDACTED] b1

It is not known whether ABNER (LNU) and GLORIA (LNU) are identical with ABNER GREEN and GLORIA AGRIN.

[REDACTED] b1

[REDACTED] b1

[REDACTED] b1

[REDACTED] b1

SA KARL F. BUCKMAN made a [REDACTED] b1c  
on 1/19/59, to the subject. [REDACTED]

SA WILLIAM P. MULLALY made a [REDACTED] b7c  
to BARNEY JOSEPHSON on 12/12/58. [REDACTED]

The identities of the Special Agents who observed BARNEY JOSEPHSON and GLORIA AGRIN in contact with WILLIE HIRSCH and RUTH DAVIS between January and June, 1959, are set forth in NY file 105-17705 Sub A. ✓

[REDACTED] b1

COVER PAGE

NY 100-109536

ADMINISTRATIVE (CONT'D)

[REDACTED] b1

The Bureau has advised that no dissemination is to be made in the field in the HIRSCH case without specific Bureau authority.

A photograph of the subject appears in the files ✓  
of the New York Office.

Although the subject is in frequent contact with ✓  
ISIDORE GIBBY NEEDLEMAN and WILLIE HIRSCH, it is not  
believed that her activities come within the current SI  
criteria and, therefore, she is not being recommended for  
the SI.

The subject is not being recommended for interview ✓  
in view of the fact that she is in frequent contact with  
"WILLIE HIRSCH, IS-R" (Bufile 105-46401) (NY file 105-17705).

INFORMANTS

Identity  
of Source

File Number  
Where Located

NY T-1

100-109536-68

[REDACTED]  
Jamaica, Queens, NY

NY T-2

100-109536-22

NY T-3

b7d  
[REDACTED] b7D  
100-3620-1A1361  
Documentation of BLANCH FREEDMAN

COVER PAGE

NY 100-109536

INFORMANTS (CONT'D)

Identity  
of Source

File Number  
Where Located

NY T-4

100-109536-34

100-109536-39

100-109536-117

NY T-5  
CSNY 48-S

100-110153-329

100-109536-67

NY T-6

b2

NY T-7

b2

NY T-8

b2

NY T-9

b7d

NY T-10

b7d

NY T-11

b7d

b7D

NY T-12

b7d

100-109536-38

NY T-13

b7d

100-109536-44

COVER PAGE

NY 100-109536

INFORMANTS (CONT'D)

Identity  
of Source

File Number  
Where Located

NY T-14

b7d

100-109536-37

EDWARD LA CHANCE

[REDACTED]

[REDACTED] First National  
City Ban'k,  
20 Exchange Place,  
NYC

NY T-15

b2

NY T-16

b7d

100-107111-586

NY T-17

b7d

NY T-18

b7d

b7D

NY T-19

101-558-131p12

[REDACTED]  
Sheraton Astor Hotel  
Broadway and 44th  
St., NYC

NY T-20

b7d

100-109536-35

[REDACTED]  
NYC (Request)

COVER PAGE